

Request for Proposals (RFP) 2024 Purchase of a Chassis Mounted Vacuum HydroExcavator

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

Rosamond Community Services District 3179 35th Street West Rosamond, CA 93560

Advertised: October 11 & 18, 2024

Mandatory Pre Bid Job Walk: None

Bid Due/Opening: 2:00 p.m., November 4, 2024

October 2024

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

- Proposer's Questionnaire, Exhibit A (Submit with bid)
 Non-Collusion Affidavit, Exhibit B (Submit with bid)
 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 Rosamond Community Services District ["District"] invites and will receive sealed proposals, for the purchase of one (1) Chassis Mounted Vacuum Hydro-Excavator ["Hydro 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 District located at the address below, or on the District website at https://www.rosamondcsd.com/departments/engineering-planning.

<u>General Description</u>. This RFP constitutes an invitation to bid for the acquisition of one (1) Hydro-Excavator meeting the minimum specifications listed in Section 4, by means of purchase arrangement. Bidders are cautioned that the Public Works Director is the sole point of contact for the District during this process. Any oral statement by any representative of the District 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, <u>written questions</u> will be accepted not later than five (5) calendar days prior to bid opening by:

John Houghton

Public Works Director PHONE: (661) 256-3411 3179 35th Street West FAX: (661) 256-2557

Rosamond, CA 93560 EMAIL: jhoughton@rosamondcsd.com

B. Bid opening is scheduled in the District Board Room, 3179 35th Street West, Rosamond, CA 93560, 2:00 PM on November 4, 2024.

MARK ENVELOPE: "HYDRO-EXCAVATOR"

RETURN BID TO: ROSAMOND COMMUNITY SERVICES DISTRICT

ATTN: GENERAL MANAGER 3179 35TH STREET WEST ROSAMOND, CA 93560

The District 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 District 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 Board meeting on Wednesday, November 13, 2024. If you have questions about whether the bid has been awarded, please contact Kim Domingo, General Manager, at the address above or by phone at (661) 256-5807.

SECTION 2 Instructions to Bidders

A. General

- The bid price shall be the maximum price to be paid by the District. All prices quoted shall include taxes. Bidders are reminded that the District 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 District 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 District in this RFP.
- 4. The envelope used to return the bid to the District must be plainly marked with the item bid upon and the date and time of bid opening.
- 5. The District 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 District 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 District with all technical information on item listed in the specifications of this bid.
- 9. Equipment delivery shall be F.O.B. Rosamond Community Services District, 3179 35th Street West, Rosamond, California 93560.
- 10. The vehicle and/or equipment must comply with the current State and Federal regulations, including the California Air Resources Board. 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 District. 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 at the District before the bid opening date and time. Bids received at the District after the submission deadline will be considered void and unacceptable. The District is not responsible for late or non-delivery of mail, carrier, etc., and the date/time received by the District 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 District 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 District 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 District. In determining the best value, the District 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 District's needs;
 - 5. The bidder's past relationship with the District;
 - 6. The total long-term cost to the District to acquire the bidder's goods or services; and
 - 7. 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 stated 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 the District. Addenda will be posted on the District website. 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 District.
- 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 District 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 District.
- 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 District 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 District 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 Rosamond, 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 vendor 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 laws and ordinances, in performance of fulfilling this agreement.
- P. Labor Laws. The vendor and all suppliers and contractors, shall comply with all District, State and Federal orders regarding affirmative action to ensure equal employment opportunities and fair employment practices.
- Q. Laws to be Observed. The vendor 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 District 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 District 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 District 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 District.
- 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 District. All manufacturer's guarantees and warrantees will pass on to the District.
- C. Source of Funds. The District expects to make payments on amounts due under the purchase agreement from the District's Water Fund which is funded by moneys collected from the District's Water customers.
- D. Delivery date. The expected date of delivery for one (1) Hydro-Excavator is nine (9) months from the date of the award of the contract.
- E. Required Submissions. The following are required to be submitted with the bid:
 - 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 District 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 District reserves the right to reject any bid whose insurance requirements are deemed, in the sole discretion of the District, to be too expensive or otherwise onerous.
 - 3. A statement of all fees, charges, and expenses to be paid by the District, 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 District will consider the proposed fees, charges, and expenses to be paid by the District. The District may contact the apparent low bidder and require that bidder to <u>submit all proposed purchase agreements and related documents</u> to the District within two (2) business days of the request. The District will review all such documents for compliance with this RFP and with applicable California law. The District 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 District and the apparent low bidder are unable to reach agreement as to the terms and conditions of all such documents, the District may proceed to negotiate with the next lowest bidder. If the District is unable to reach agreement with the next lowest bidder as to the terms and conditions of all such documents, the District may proceed to negotiate with the third lowest bidder and so forth until the District and a bidder are able to reach agreement or until District 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 District, the District reserves the right to select the bidder who offers terms that are, in the District's best interest.

The District may reject any bid that fails to comply with the requirements of this RFP. The District 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 District's legal counsel, fully binding and enforceable under California law.

Accordingly, as an alternative to the above-described process, the District may select the lowest bidder whose bid (including, without limitation, the sample documents provided to the District 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 District, fully binding enforceable under California law.

The District may require a bidder to submit any and all proposed agreements and other documents related to the transaction contemplated in this RFP in Microsoft Word document format (.doc). This will allow the District 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 District.

- G. Approval. The District or designee will approve the purchase agreement and other agreements by action taken by the Board of Directors.
- 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 Hydro-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 District.

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 District specifications listed in Exhibit C indicate the minimum acceptable requirements. Please indicate in the "Yes" or "No" checkbox column to enable the District to properly evaluate the proposed equipment. Bidder shall provide explanation of all "No" responses with attachment of additional sheet(s). The Manufacturer's Data listed will become part of the contract for award.

SECTION 5

BID FORM

PROPOSAL TO

ROSAMOND COMMUNITY SERVICES DISTRICT

FOR PURCHASE OF ONE (1) HYDRO-EXCAVATOR

NAME OF BIDDER		
BUSINESS P.O. BC)X	
CITY, STATE, ZIP _		
BUSINESS STREE	T ADDRESS	
		(Please include even if P.O. Box used)
CITY, STATE, ZIP		
TELEPHONE NO:)
FAX NO:	AREA CODE ()

TO THE GOVERNING BODY OF THE

Rosamond Community Services District

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 Board of Directors of the Rosamond Community Services District 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) Hydro-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 ROSAMOND COMMUNITY SERVICES DISTRICT, 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 District as therein set forth, and that he will take in full payment therefore the following prices, towit:

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 published options plus 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

Name of proposer:	
2. Address of proposer:	
3. Proposer intends to op	erate the business with which this proposal is concerned as a:
	Sole Proprietorship
	Partnership
	Corporation
	Joint Venture
	Other, Explain:
	EXPERIENCE STATEMENT
equipment leasing or sale	uration and extent of your business experience with special emphasis on es.
List three (2) persons or f three years.	REFERENCES Firms with whom you have conducted business transactions during the past
Reference No. 1	
Name:	
Firm:	
Telephone:	

1 OF 2 EXHIBIT "A"

REFERENCES

Reference No. 2	<u>KLI LKLNOLE</u>	
Name:		
Firm:		
Address:		
Telephone:		
	EXCEPTIONS AND SUBS	<u>TITUTIONS</u>
Item No. 1		
Item No. 2		
Item No. 3		
Item No. 4		
I/We have read all Services District.	proposal documents and submit this prop	osal to the Rosamond Community
OGI VICES DISTITCT.		

Signature

2 OF 2 EXHIBIT "A"

Date

NON-COLLUSION AFFIDAVIT

		, being first duly sworn, deposes
•		of
undisclosed pergenuine and nany other biddiconnived, or agreed from bidding; the communication fix any overhead any advantage contract; that a directly or indirectly or diverse of, or di	erson, partnerslot collusive or ser to put in a fargreed with any hat the bidder had, profit, or coad, profit, submitted, artnership, coad, profit, profit, coad, profit, pro	g bid, that the bid is not made in the interest of, or on behalf of, any hip, company, association, organization, or corporation; that the bid is sham; that the bidder has not directly or indirectly induced or solicited alse or sham bid, and has not directly or indirectly colluded, conspired, bidder or anyone else to put in a sham bid, or that anyone shall refrair has not in any manner, directly or indirectly, sought by agreement, e with anyone to fix the bid price of the bidder or any other bidder, or to st element of the bid price, or of that of any other bidder, or to secure ablic body awarding the contract of anyone interested in the proposed contained in the bid are true; and, further, that the bidder has not, d his or her bid price or any breakdown thereof, or the contents on or data relative thereto, or paid, and will not pay, any fee to any apany association, organization, bid depository or to any member or collusive or sham bid."
		Bidder
State of Califor	rnia)) ss.
On this	day of	
evidence who	being duly swo	to me known, or proven to be on the basis of satisfactory orn, did depose and say: thatis an
		theand acknowledged to me
•		executed the within instrument on behalf of said bidder.
		ned and affixed my official seal on the date first above written.
		Notary Public

1 OF 1 EXHIBIT "B"

Rosamond Community Services District Exhibit C

Inte	ent ent	YES	NO NO
requesim disp	e intent of the specification is to define the minimum performance uirements for a chassis mounted vacuum hydro excavator. The unit shall ultaneously use high pressure water and vacuum generated by a positive placement rotary lobe pump to excavate without damaging utilities while ding debris into the tank		
	neral	YES	NO
law pow thes	Ill cases the completed machine must conform to all federal, state, and local is applicable to this type of equipment. All components of the machine shall be wered by the chassis engine. Bidders are required to state their compliance to se specifications by checking either yes or no after each line and listing ALL initiations, exceptions, and exclusions at the end of each section		
Ch	assis	VEC	NO
		YES	NO _
1	2024 or newer PETERBILT 567 chassis		
2	The chassis shall have a PACCAX MX-11 engine		
3	The chassis shall produce 445 HP		
4	The chassis shall be current EPA and CARB compliant		
5	The chassis shall be a vocational chassis approved for stationary		
	continuous split-shaft PTO operation with a vocational hood		
6	The chassis shall have a Allison 4500 RDS P automatic transmission		
7	The minimum chassis frame strength shall be 110,000 PSI		
8	The frame shall have an outter C- channel reinforcemnt		
9	The front axie shall be 20,000 lb.		
10	The rear axle shall be 46,000 lb.		
11	The chassis shall have air conditioning		
12	The chassis shall have an AM/ FM / WB radio		
13	The cab shall have LED clearance lights		
14	The cab shall have a 5 lb. fire extinguisher		
15	The cab shall be painted factory white		
Del	oris Tank	YES	NO
1	The debris tank shall be a true cylindrical tank constructed of ASTM A-572 Grade 50 Exten High Strength Steel 1/4" thick, NO EXCEPTIONS		
2	The debris tank shall have a dished forward tank head and a dished rear door		
3	The tank or rear door shall not have any flat surfaces,		
4	The capacity of the tank shall be a minimum of 12 cubic yards useable		
5	The material shall enter the tank through a top mounted air- backed debris chute to reduce wear.		
6	The rear door shall be equipped with four independent, fully adjustable hydraulic locks		
7	Each of the four tailgate locks shall operate with an independent hydraulic cylinder		
8	The tailgate shall open / close with two hydraulic cylinders		
	The rear door shall have a full inside perimeter ½" stainless steel sealing		
9	ring and seal against a self compensating neoprene gasket		
10	The tank shall be equipped with two automatic 12" stainless steel float ball shutoff valves mounted at the front of the debris tank		

11	Dump controls shall be located on the curbside side forward of the tank assembly		
12	The tank shall be mounted to a full length sub-frame unitized with the water storage tank to provide for resistance to twisting and distortion.		
	A forward mounted double acting, lift cylinder rated for 55,000 lbs.,		
13	equipped with safety pilot check valve shall lift the tank to a 45 degree		
14	dump angle All pivot points of the dump system shall have grease fittings.		
	The body pivot pin shall be the full width of the frame rails. It shall be 2" x		
15	40" to prevent the body from twisting during dumping		
16	The entire body pivot pin shall rotate inside a bearing tube		
17	Tailgate shall hinge at the top and be fully adjustable with 1-3/4" positioning		
17	bolts with bronze bushing pivot surface	ت ــــــــــــــــــــــــــــــــــــ	
18	No hydraulic components shall be located inside the debris tank		
19	The debris body and tailgate door shall have an air acutated safety prop.		
	Every lift or push point on the truck shall be reinforced with steel poison		
	plates on it to distribute the forces. The areas reinforced shall include:		
20	Entire long member of collector body, body dump cylinder mounts, tailgate		
	hinges and lift cylinder mounts on body, tailgate locking cylinder mounts,		
	body safety prop holder, and rear mount boom		
21	DRAIN AT BOTTOM OF TAILGATE - 6" BUTTERFLY VALVE		
22	The debris tank shall have a stainless steel debris level indicator		
	mounted on the tailgate		_
23	An interior filter screen shall be mounted on the 6" drain valve at the bottom of the tailgate		
24	A ladder shall be mounted to the curbside of the debris tank		
25			
25	An electric vibrator shall be mounted at the bottom rear of the debris tank A 4" brass knife valve with cylinder style processing actuator shall be		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be	Ц	Ц
	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top		
26	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door		
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank		
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks	YES	NO
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank		
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design	YES	NO
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide	YES	NO -
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris	YES	NO
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications	YES	NO -
26 27 Wat	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris	YES	NO -
26 27 Wat 1	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM	YES	NO -
26 27 Wat 1	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose	YES	NO -
26 27 Wat 1	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose fittings, an approved anti - siphon air gap, and be plumbed to the curb side	YES	NO -
26 27 Wat 1 2 3	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose fittings, an approved anti - siphon air gap, and be plumbed to the curb side of the unit.	YES	NO
26 27 Wat 1 2	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose fittings, an approved anti - siphon air gap, and be plumbed to the curb side of the unit. The tank shall have a 20" top mounted port for access and inspection	YES	NO -
26 27 Wat 1 2 3	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose fittings, an approved anti - siphon air gap, and be plumbed to the curb side of the unit. The tank shall have a 20" top mounted port for access and inspection The tank shall be mounted to a full length sub frame, unitized with the	YES	NO
26 27 Wat 1 2 3 4	A 4" brass knife valve with cylinder style pnuematic actuator shall be mounted half way up the tailgate The body inlet cannon shall have a 12" cleanout door mounted on the top and a 4" rear cleanout door ter Storage Tank To ensure optimal center-of gravity and eliminate the possibility of leaks and subsequent pump cavitation, the water storage shall be in a single tank design The tank shall be mounted at and above the chassis frame rails to provide a flooded inlet for the water pump and for protection from road debris damage and off road applications The tank shall be cylindrical in design and constructed of 3/16" thick ASTM A-240 Type 304L stainless steel with stainless steel dished heads and have a capacity of 1,000 U.S. Gallons. NO EXCEPTIONS The tank shall be equipped with a fill system using standard fire hose fittings, an approved anti - siphon air gap, and be plumbed to the curb side of the unit. The tank shall have a 20" top mounted port for access and inspection	YES	NO

7

cracking No Exceptions

8	A 2" drain valve shall be mounted on bottom of the tank		
9	A 3" water supply line with a stainless steel screen shall be ibnstalled on the water tank inlet fill line		
10	The tank shall be equipped with stainless steel baffles		
Vac	cuum System	YES	NO
	The vacuum system shall incorporate a rotary positive displacement		
1	vacuum pump with a capacity of 3,850 CFM air flow and 27" Hg of pure vacuum. NO EXCEPTIONS		
	The chassis engine shall provide the power for the vacuum pump, with		
2	vibration isolation mounts installed at the vacuum pump and transfer case.		
	No auxillary engine shall be allowed.		
3	BODY MOUNTED DUAL CYCLONES, 10-MICRON FINAL FILTER, AND DRIVER'S SIDE MOUNTED SILENCER(S) UPGRADE FOR REAR MOUNT BOOM VHE. INCLUDES UPGRADED BODY LIFT CYLINDER AND BLOWER DRIVESHAFT COVER		
4	The cyclone separator shall have quick removal cleanout and inspection ports on both the air inlet and air exit points on the top of the unit		
5	A full opening dump valve shall be installed at the bottom of each cyclone.		
6	Accessible from ground level, a safety filter housing with full opening door shall be mounted between the cyclone separators and the vacuum pump with a removable, washable, polyester cartidge filter element capable of stopping any particle larger than the clearance of the vacuum pump lobes NO EXCEPTIONS		
7	The vacuum pump will be direct coupled to the transfer case gearbox without the use of belts or intermediate hydraulic or hydrostatic components.		
8	Blower shall be mounted on four 3-1/2" rubber vibration isolation mountes		
9	A means of starting, stopping and varying the vacuum suction from operator station at the curbside of the machine must be provided	0	
10	An external air operated 6" vacuum relief valve controlled from the operator panel and shall be installed prior to the vacuum pump inlet		
11	A discharge silencer shall be installed with a rain cap and low point drain		
		 ,	
	 		
Wa	ter Pump System	YES	NO
1	The water pump shall run independently of the vacuum pump and be equipped with a pressure regulator.		
2	WATER PUMP SHALL BE A TRI-PLEX HIGH PRESSURE WATER PUMP, HYDRAULICALLY DRIVEN VIA AUTO TRANSMISSION PTO, SHALL MEET A MEASURED FLOW OF 13 GPM @ 3,000 PSI @ 1400 ENGINE RPM MEASURED AT THE HX LANCE		
3	The water system shall include low point drain valves to prevent freezing of pipes in cold weather.		

4	The air pressure shall be plumbed from the chassis air brake system and include a one – way check valve to prevent air brake contamination.		
5	An air purge system will be included to clear the liquids from the water lines and prevent freezing		
6	A 100' x 1/2" hose reel for the hydro excavation circuit shall be mounted on the curbside to the rear of the cab		
7	A 3/8" by 5' hydro excavating lance with a 6' extension, 3/8" quick connects, and a rotating hydro excavation nozzle will be included		
			_
Vac	cuum Loading Boom	YES	NO
1	The boom shall be mounted on the rear of the debris tank, be of a tube-in- tube style, 8" in diameter, and must have a boom docking saddle to provide a boom rest and curbside docking of the boom for transit.		
2	The rear rear mounted boom must be able to pivot downward 15-Degrees minimum to reduce the boom lifting height when working under utilitie lines		
3	A boom hose docking port shall be installed to secure the end of the boom hose for transit		
4	The boom shall be equipped with two hydraulic lifting cylinders with a minimum of 4" bore, 10" stroke, 2" diameter cylinder rods.		
5	The rear mounted boom rotation shall be accomplished via hydraulic worm gear rotation and traverse in a 270 degree arc across the work area. Boom rotation via chain and sprocket drive or hydraulic cylinders is unacceptable due to excessive wear and maintenance		
6	The boom shall be powered hydraulically up/down, left / right, and in /out, with controls located at the operator control panel and wireless control.		
7	The rear mounted boom shall be equipped with a hydraulic powered true telescoping section of 8 feet with a 17-foot retracted and a total extended length of 25 feet from the centerline of the unit.	0	
8	Please state the total extended length of the boom from the centerline of the truck		Feet
		••	
Cur	bside Control Panel Shall Include	YES	NO
1	Engine tachometer		
2	Transfer Case hour meter		
3	Water pump engagment control		
4	Hydraulic pressure gauge		
5	Vacuum gauge		
6	Water pressure guage		
7	Chassis engine throttle control		
8	Water level display on control panel		
9	Low water alarm		
10	Boom controls		
11	Water pressure and flow control - Pneumatically operated multi flow system		
12	Control panel light		
13	Vacuum relief valve switch		

14	PANIC button (Red Mushroom) to de-energize water flow valve and relieve vacuum		
	t ALL Deviations, exceptions, exclusions		
Нус	draulic System	YES	NO
1	The hydraulic system shall have a minimum capacity of 65 U.S. Gallons		
	and be equipped with a level sight eye and thermometer]	
2	The return line shall be equipped with a 12 micron absolute spin on filter		
	and the suction line shall be equipped with a shut off valve		
3	The hydraulic pump shall be mounted on the transfer case and produce 25		
	GPM at 2000 PSI.		
4	All burden the formations of their well-should be more and the throughout		_
	All hydraulic functions of this unit shall be powered via the transfer case		
┝╤	driven hydraulic pump in lieu of any electrically powered hydraulic circuits.	·	
5	A set of boom hydraulic control valves shall be mounted behind the curbside of the cab.		
6	The boom control valves shall be a direct hydraulic spool valve with		
٥	hydraulic pilot pressure controlled electric actuator		
7	Each boom function shall be adjustable via individual flow controls and shall		
'	have a separate manual override handle which is clearly labeled.		
<u> </u>	nave a departite mandar evenue namale union le dicarry labored.		
			-
			-
Aco	cessories to be Included	YES	NO
Acc	Operation and maintenance manual		
1	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside		
1	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side		
1	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder		
1 2 3 4	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold		
1 2 3 4 5	One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level		
1 2 3 4 5	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights		
1 2 3 4 5 6 7	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights		
1 2 3 4 5	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights		
1 2 3 4 5 6 7	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating		
1 2 3 4 5 6 7 8	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel		
1 2 3 4 5 6 7 8 9	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks		
1 2 3 4 5 6 7 8	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires		
1 2 3 4 5 6 7 8 9	One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the		
1 2 3 4 5 6 7 8 9 10 11	One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor		
1 2 3 4 5 6 7 8 9 10 11 12	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body		
1 2 3 4 5 6 7 8 9 10 11 12 13	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes One 8" x 5' vacuum tube with bolt on soft tip		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes One 8" x 5' vacuum tube with bolt on soft tip Six 8" tube clamps One 25' x 2 1/2" fill hose		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes One 8" x 5' vacuum tube with bolt on soft tip Six 8" tube clamps		
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Operation and maintenance manual One 36" x 24" x 24" aluminum toolbox mounted on the curbside One 36" x 24" x 24" aluminum toolbox mounted on the driver's side Traffic cone holder Stainless steel tube / tool trays along both sides of the tank structure to hold 32 feet of 8" tubes accessible from the ground level Two high intensity LED boom work lights Two LED rear work lights Two mid-ship mounted LED work lights A wireless remote control with water on/off feature for the hydro excavating hose reel Rear tow hooks Metal mudflaps in front of the rear tires A low restriction, high efficency, hydraulic oil cooler shall be added to the hydraulic circuit, shall have a 12 Volt DC Brushless Fan Motor Two LED Work Lights to shine into debris body backup alarm Four 8" x 5' vacuum tubes One 8" x 5' vacuum tube with bolt on soft tip Six 8" tube clamps One 25' x 2 1/2" fill hose		

	YES	NO
The entire exterior of the body, chassis sub-frame, and all carbon steel		
vacuum module components shall be shot blasted to SP 10 near white		
finish		
Paint shall be spray applied single stage automotive fleet finish urethane		
paint Share's frame was well as well a		
3 Chassis frame, vacuum pump, water pump, silencers and related power components shall be painted black		
4 Body and associated components shall be painted white		
5 All body parts are to be disassembled and individually blasted, sanded,		
primed, and painted prior to final assembly		
primed, and painted prior to mail assembly		
Warranty & Misc.	YES	NO
Manufacture shall provide a one (1) year limited warranty from the date of		
delivery		
The positive displacement blower lobes shall have a manufacture's		
minimum warranty		
3 A proposal drawing of the proposed unit shall be submitted with bid		
4 Wiring diagram of the unit shall be furnished with the completed unit		
5 With 14 days after unit is delivered a factory representative shall perform a		
minimum of 8 hours of start-up training 6 A detailed service and parts manual shall be provided		
6 A detailed service and parts manual shall be provided		
o // detailed service and parte mandar chair be provided		
o production and parts mandar strain be provided		
77 dotailed doi vice and parte mandar chair be provided		
0 Production and parts mandar shall be provided		
	YES	NO
Delivery 1 The unit shall be delivered to	YES 🗆	NO 🗆

Rosamond Community Services District	
Exhibit C Pricing Form	
Time of Delivery Days _	
Make and Model _	
 Price for one (1) Hydro Excavator \$ _	
Sub Total \$_	
% Sales Tax \$ _	
Total Rid \$	

Page 7 of 7 "EXHIBIT C"