



COUNTY OF SAN LUIS OBISPO

## Department of General Services

COUNTY GOVERNMENT CENTER • SAN LUIS OBISPO, CALIFORNIA 93408 • (805) 781-5200

DUANE P. LEIB, DIRECTOR

### INVITATION TO BID #3420-07 COMBINATION CLEANER/VACUUM TRUCK

August 15, 2007

The County of San Luis Obispo is currently soliciting bids for a new and unused Combination Cleaner/Vacuum Truck as noted.

Each bid shall specify each and every item as set forth in the attached specifications. Any and all exceptions must be clearly stated in the bid. Failure to set forth any item in the specifications shall be grounds for rejection. The County of San Luis Obispo reserves the right to reject all bids and to waive any informalities.

Please submit your bids on the attached form. They must be received at the office of the General Services Department no later than 4:00 p.m., September 11, 2007. Any and all comments and suggestions are sincerely encouraged prior to the bid opening.

Barbara Adams  
Buyer - Central Services Division  
beadams@co.slo.ca.us

**County of San Luis Obispo Invitation to Bid #3420-07 August 15, 2007 Page 2  
COMBINATION CLEANER/VACUUM TRUCK**

**TO: ALL PROSPECTIVE BIDDERS**  
**SUBJECT: LOCAL BIDDERS PREFERENCE**

The County of San Luis Obispo has established a local vendor preference. All informal and formal bids for contracts will be evaluated with a 5% preference for local vendors. Note the following exceptions:

1. Those contracts which State Law requires be awarded to the lowest responsible bidder.
2. Public works construction projects.

A "local" vendor will be approved as such when, 1) It conducts business in an office with a physical location within the County of San Luis Obispo; 2) It holds a valid business license issued by the County or a city within the County; and 3) Business has been conducted in such a manner for not less than six (6) months prior to being able to receive the preference.

As of March 3, 1994 individual County Buyers evaluate bids considering the local vendor preference described above. The burden of proof will lie with bidders relative to verification of "local" vendor preference. Should any questions arise, please contact a buyer at (805) 781-5200. All prospective bidders are encouraged to quote the lowest prices at which you can furnish the items or services listed in County bids.

	YES	NO
Do you claim local vendor preference?		
Do you conduct business in an office with a physical location within the County of San Luis Obispo?		
Business Address: _____ _____		
Years at this Address: _____		
Does your business hold a valid business license issued by the County or a City within the County?		
Name of Local Agency which issued license: _____		

Business Name: \_\_\_\_\_

Authorized Individual: \_\_\_\_\_ Title: \_\_\_\_\_

Signature: Dated: \_\_\_\_\_

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COMBINATION CLEANER/VACUUM TRUCK

TO: ALL PROSPECTIVE BIDDERS

SUBJECT: POLICY ON PURCHASING PRODUCTS MADE WITH OR CONTAINING  
CHLOROFLUOROCARBONS (CFC's)

Summary

Many products contain chlorofluorocarbons (CFC's), a known depleter of ozone in the atmosphere. Under the U.S. Clean Air Act and the Montreal Protocol on Substances That Deplete the Ozone Layer, CFC production for use in industrialized nations is to be totally phased out by January 1, 1996. There are still many products on the market that contain CFC's or are made with CFC's. The Department of General Services, purchasing staff must identify products made with or containing CFC's and purchase alternative products whenever practical and possible.

Policy

To this end, it shall be the policy of the County of San Luis Obispo that all bidders, who wish to do business with the County are required to identify all products that contain CFC's or use CFC's in the manufacturing or shipping processes. Bidders are required to identify alternative products that do not use CFC's, for possible purchase by the County.

Bidder Response

	YES	NO
Do any products offered herein contain CFC's or use CFC's in the manufacturing or shipping process?		
If yes, please offer an alternative product by copying bid forms and submitting an alternate bid. Will you offer an alternate?		
Please provide any other information that may be helpful to the County. Attachments are acceptable.		

Bidder: \_\_\_\_\_

**GENERAL CONDITIONS AND INSTRUCTIONS**

1. All bids submitted by Seller to Purchaser should be submitted upon the attached bidder's form, completed and signed, (only typewritten or ink shall be accepted with no erasures or corrections unless properly authenticated by signature) in accordance with the instructions contained herein.
2. The issuance of this bid request creates no obligation on the part of the County and the County reserves the unconditional right at its option to either reject all bids or waive any irregularities or informalities therein. Each bid shall be in a separate sealed envelope with the bid number, name of bidder, title of the bid, date and time due showing on the outside of the envelope.
3. All prices must be firm for 45 days from the date of the bid opening and be inclusive. Upon award, prices will be in effect for the term of the contract.
4. Prompt payment discounts of 20 days or longer will only be considered when comparing bids, however, if you offer any prompt payment discounts, please indicate this on your bid.
5. Awards will be made to realize the greatest savings to the County and may not necessarily be the lowest bid especially where services are of the utmost importance.
6. Submission of a signed bid will be interpreted to mean that the bidder has thereby agreed to all conditions, instructions, descriptions and specifications contained herein.
7. All materials included in the contract shall be in compliance with all Federal and State OSHA laws.
8. All applicable City, State, and Federal taxes and fees are to be included in the proposal.
9. The only terms that will be honored are those terms included in general and special conditions and instructions, purchase order or other documents issued by the County.
10. In the event of any conflicts or ambiguities between these instructions and State or Federal laws, regulations or rules, then the latter shall prevail.
11. Only one bid will be accepted per vendor.
12. Bidders may withdraw their bid either personally, by written request, or by telegraphic request confirmed in the manner specified above at any time prior to the scheduled closing time for receipt of bids. No bidder may withdraw their bid after the time set for the opening.
13. All time limits stated are of the essence and must be complied with. Any bids received after closing time stipulated will be returned unopened.
14. All bids must be submitted in a manner so they can be readily hole punched and placed in a standard legal size file folder.

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15. The County may make partial payments after a substantial portion of the merchandise has been delivered. On all items, a 10% retention will be withheld until all merchandise has been accepted.
16. Brand names are used to establish a level of quality only. Any alternates must be approved five (5) days prior to the bid opening date, by the Central Services Manager, who will have the sole right to determine this. If an alternate is submitted without going through the above- described process, the County will have the sole right to decide whether or not an alternate is acceptable.
17. Vendor agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex or national origin and that it will comply with the "Contractor's Agreements" provisions of Presidential Executive Order No. 11246.
18. **NO FAXED** Bids will be accepted.
19. Return bid by September 11, 2007 at 4:00 p.m. to:

COUNTY OF SAN LUIS OBISPO  
DEPARTMENT OF GENERAL SERVICES  
BARBARA ADAMS, BUYER  
1087 SANTA ROSA STREET  
SAN LUIS OBISPO, CALIFORNIA 93408

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COMBINATION CLEANER/VACUUM TRUCK**

The undersigned agrees to:

Deliver F.O.B. San Luis Obispo to Public Works Shop, 1355-A Kansas Avenue, San Luis Obispo, CA 93405, the SEWER CLEANER/VACUUM EXCAVATOR TRUCK itemized below, and in accordance with **Specifications attached**. All equipment to be new and unused of the latest model year and all attachments shall be designated to be compatible with the model proposed. All equipment and accessories shall comply with the applicable State and Federal Codes, Regulations and Requirements. Equipment shall be delivered serviced and ready to operate.

DESCRIPTIVE LITERATURE WITH COMPLETE SPECIFICATIONS MUST ACCOMPANY ALL BIDS. DEVIATIONS TO ATTACHED SPECIFICATIONS MUST BE CLEARLY INDICATED. NO DEVIATIONS UNLESS SPECIFIED IN SPECIFICATION SHEET OR BELOW.

ITEM	QTY.	UNIT	DESCRIPTION	UNIT PRICE
1	1	Each	Combination Cleaner/Vacuum Truck per the attached specifications.  Make: _____  Model: _____  Year of Mfg.: _____	
				7.25% CA Sales Tax
				<b>TOTAL</b>

TERMS OF SALE \_\_\_\_\_

DATE OF DELIVERY \_\_\_\_\_

Authorized Official Name (Print) \_\_\_\_\_

Authorized Official Title (Print) \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Firm Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone \_\_\_\_\_ FAX \_\_\_\_\_

Federal Taxpayer ID# \_\_\_\_\_

Individual/Sole Proprietor    Corporation    Partnership    Other

**BIDS MUST BE RECEIVED BY 4:00 P.M., SEPTEMBER 11, 2007 AND  
WILL BE OPENED IN THE OFFICE OF THE CENTRAL SERVICES MANAGER  
Bid #3420-07**

Accepted as to items numbered \_\_\_\_\_

Date \_\_\_\_\_ Order(s) No. \_\_\_\_\_

**SPECIFICATIONS FOR A THREE AXLE  
COMBINATION CLEANER/VACUUM TRUCK**

**DEPARTMENT:** Public Works and Transportation  
**QUANTITY:** One

It is the intent of these specifications to describe a combination storm sewer cleaner/vacuum excavator truck, suitable for the road culvert maintenance demands of the Public Works Department of the County of San Luis Obispo. The complete machine must be of the latest model and carry the manufacturer's new equipment warranty.

The cleaner shall be used for removing stones, bottles, cans, sludge and other debris from sewers, storm drains lines and road culverts by the flushing action of high pressure water. The machine may also be used for "Pot-holing" underground utilities or cables.

Quality, construction details, performance characteristics and price quotations will be analyzed and the machine which best serves the interest of the County may be purchased. The County specifically reserves the right to reject any or all proposals.

All equipment and accessories shall meet OSHA, MSHA, Department of Industrial Safety and California Vehicle Code regulations.

Minor deviations from these specifications may be acceptable provided that the operating characteristics and capabilities of the unit or its components are not adversely affected. **Such deviations are to be clearly indicated in the deviations column below.**

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**CHASSIS**

**1.0 TRUCK DIMENSIONS AND CAPACITY:**

**Deviations**

Chassis:	International 7400	_____
GVW:	55,000 lb's. – Minimum	_____
Wheel base:	238" – Approximate	_____
Back of Cab to Axle:	144" – Approximate	_____
Chassis:	a. section modulus; 23", – Minimum	_____
	b. RBM of 2,500,000 in-lb's., – Approximate	_____

**2.0 POWER TRAIN:**

<b>2.1 Engine:</b> six cylinder diesel, electronically controlled, rated at no less than 325 net horsepower and 1000 ft. Lbs. torque. -- Minimum	_____
a. <u>Engine must be certified to meet California diesel          emissions standards through 2011</u>	_____
b. The engine to be programmed as follows: A maximum manual controlled road speed of 65 MPH. Cruise control.	_____
Maximum cruise control speed at 65 MPH.	_____
<b>2.2 Transmission:</b> Automatic, Allison MD 3560 series.	_____

- a. Oil cooler: remote heavy duty oil cooler
- b. Retarder: auxiliary, hydraulic, brake retarder

**3.0 AXLES AND SUSPENSION:**

**3.1 Front axle:** Rating 20,000 lbs. - Minimum

- a. Shock absorbers: Heavy duty

**3.2 Front springs:** Tapered leaf type

- a. Capacity: 20,000 lbs. - Minimum

**3.3 Rear Axle:** Tandem 36,000 lbs. -- Minimum

**4.0 BRAKES:**

**4.1 Service:** A full air brake system shall be provided.

- a. All wheels to be fitted with, outboard mounted, cast drums and Rockwell, S cam, quick change type shoes.
- b. Compressor: 13 cfm - Minimum.
- c. Air dryer: Desiccant type, spin-on cartridge style, “.
- d. Wet-tank: fitted with pull cord type tank drains.

**4.2 Parking brakes:**

- a. Air actuated, spring operated, emergency brake system shall be provided. System to be operable manually from a valve located on the dashboard in the cab.

**5.0 TIRES AND WHEELS:**

**5.1 Front Hubs:** Oil bath type

**5.2 Wheels:** Single piece, heavy duty, hub piloted with flange type nuts, 10 hole steel disc type.

**5.3 Front Tires:** 425-65R22.5, load range “L”

**5.4 Rear Tires:** Radial tubeless type 11R22.5, load range "G."

**6.0 ELECTRICAL:**

a. Alternator: 100 Amp. – minimum.

b. Batteries: 1800 cold cranking amps – minimum

c. Lights: California legal.

d. Strobe light: Two flashing strobe lights mounted at each front corner of the cab. Controls to be inside cab.

e. Light bar: A 52" amber light bar to be mounted on cab.

f. Arrow board: A directional arrow board with left, right arrows and warning bar to be mounted on rear of unit with controls in cab.

g. Auxiliary lighting: Boom lights for night work, rear and front work lights, two work lights to illuminate working deck and debris tank.

**6.1 Vehicle GPS Tracking Unit**

Chassis supplier to have installed a GPS vehicle tracking unit.

The County has an established GPS vendor that will install the tracking unit before delivery to County. Vehicle must have GPS unit installed before delivery.

Chassis vendor will Contact:

Pat Rea  
Fleet Management Solutions  
3426 Empresa Dr., suite 100  
San Luis Obispo, CA 93401  
805-787-0508

**7.0 TRUCK CAB AND MISCELLANEOUS:**

- a. Engine Hoses: Cooling system to have EPDM or Silicon hose. \_\_\_\_\_
  - b. Gauges: Oil pressure, Coolant temp., Air pressure, Tachometer, Fuel level, Hour meter, Voltage, Air restriction gauge, in cab. \_\_\_\_\_
  - c. Coolant: "Long life" type \_\_\_\_\_
  - g. Exhaust: Vertical \_\_\_\_\_
  - h. Fuel filter: Spin-on secondary & Water separator primary \_\_\_\_\_
  - i. Heater and defroster \_\_\_\_\_
  - j. Air conditioning: Factory standard \_\_\_\_\_
  - h. Mirrors: West Coast Senior with 8" convex mirrors mounted on bracket. \_\_\_\_\_
  - i. Fuel tank: 50 gallon step tank – Minimum \_\_\_\_\_
  - j. Tilting front hood and fender assembly \_\_\_\_\_
  - k. Cab "grab" or assist handles. \_\_\_\_\_
  - l. Drivers Seat: Full air suspension, cloth \_\_\_\_\_
  - m. Passenger seat: Non-suspension, vinyl \_\_\_\_\_
  - n. Horn: Air type \_\_\_\_\_
  - o. Windshield wipers: Electric \_\_\_\_\_
  - p. Storage rack for highway safety cones \_\_\_\_\_
  - q. Back up alarm \_\_\_\_\_
  - r. Mud Flaps California Legal \_\_\_\_\_
  - s. Front bumper: Steel \_\_\_\_\_
  - t. Radio AM/FM, factory standard \_\_\_\_\_
  - u. Cruise control, with engine throttle control \_\_\_\_\_
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**BODY AND MACHINERY**

Deviations

**8.0 DEBRIS BODY:**

- 8.1. **Capacity:** 12 cubic yards – Minimum \_\_\_\_\_
- 8.2. **Construction:** To be constructed of 3/16" "Corten" or other corrosion resistant steel with internal reinforced debris deflector shield. \_\_\_\_\_
- 8.3. **Rear door:** Full opening with top hinges. Door locking mechanism to be fully hydraulically activated latches that prevent unintended opening of the door. Controls for rear door and dump mechanism, to be located away from debris discharge. Door to be fitted with a 2" neoprene gasket
- 8.4. **Tank Drain:** Rear door to include a 6" diameter drain with knife valve, including 10' of lay flat drain hose with storage rack. \_\_\_\_\_
- 8.5. **De-Watering system:** A 6" diameter de-watering drain is to be installed at the front curbside of the tank. An air operated 6" knife valve shall open drain. Drain is to include 10' of lay flat hose connected via a camlok fitting on the valve.
- 8.6. **Clean Out System:** The interior of the tank is to include a permanently attached spray nozzle assembly. The nozzles will allow at least 60GPM of water flow for cleaning out the tank. Controls for the spray nozzles will be located behind the cab.
- 8.7. **Dump Mechanism:** Hoist mechanism to be a double acting type with power up and power down capability, rated at not less than 56,000 lbs. The debris body shall dump independently of the vacuum hose and boom and raise to a minimum 50° angle.
- 8.8. **Fill Indicator:** Tank to include a plainly visible fill indicator on out side, load alarm to notify operator at front of truck and a shutdown system to prevent any possible discharge of debris from an overfilled tank. \_\_\_\_\_
- 8.9. **Vacuum Breaker:** An automatic Vacuum breaker shall be activated when tank is full. This system shall shut down 100% of air flow to vacuum system to prevent body overfilling. \_\_\_\_\_

**9.0 VACUUM INTAKE PICKUP TUBE:**

Machine to come with an 8" diameter vacuum pickup tube plumbed into the front of the debris tank.

- 9.1. **Tube Mounting:** The tube shall be mounted on a boom extending over the top of the truck cab and capable of rotating a minimum of 90° left or right. Boom to have a lift capacity of approximately 500 pounds.

9.1.1 Total rotation: 230° – Minimum \_\_\_\_\_

9.1.2 Lift: 16 ft. – Minimum \_\_\_\_\_

9.1.3 Reach: 20' – approximately, with a hydraulically powered section capable of telescoping 10 ft. beyond operators station. \_\_\_\_\_

9.1.4 Controls: Boom movement to be controlled with a "Joystick" style control and or pendent mounted control.

**\*note; wireless remote control to be offered as an option**

- 9.2. **Extension tubes:** To include a selection of extension for attachment to the end of the pickup tube to allow vacuuming to a depth of at least 20'. A minimum of;

1-6.5' "catch basin nozzle"

2-6' aluminum pipe extensions

1-5' aluminum pipe extension

1-3' aluminum pipe extension

- 9.3. **Accessories:**

9.3.1 Adaptor to reduce 8" hose to 4" hose for

Deviations

cleaning smaller culverts.

9.3.2 Pothole digging attachment consisting of jetter ring  
 attached to end of 8" suction nozzle segment.

9.3.3 Vac & Drive kit to allow vacuum to operate while truck  
 is in motion

9.4 **Extension hose:** 30' of 4" suction hose

9.5 **Storage rack:** Easily accessible storage racks for extra tubes  
 to be located on bed of truck or sides of debris tank.

**10.0 CENTRIFUGAL COMPRESSOR:**

10.1 Vacuum to be achieved via a centrifugal compressor capable of debris removal to a depth of at least 60 feet. Fan to enclosed in a minimum of 3/16" steel housing with at least a **two year warranty on complete unit.** --- Minimum

10.2 Compressor must be able to maintain 90% vacuum at zero airflow.

10.3 All controls for the operation of the compressor start-stop and rate of vacuum suction shall be mounted at the front of the truck.

10.4 The controls are to include a suction breaker disconnect switch.

10.5 The compressor must operate independently of water pump pressure and flow.

10.6 Bidder to supply a certified performance graph showing CFM/vacuum and engine horsepower requirements.

**11.0 HIGH PRESSURE WATER PUMP:**

11.1 Pump to be a hydraulically driven, positive displacement pump capable of delivering at least 80 GPM at not less than 3,000 PSI.

11.2 The pump shall operate completely independent of the vacuum system.

11.3 The pump must be able to operate at least 10 minutes dry, without damage.

11.4 Controls for operation of pump shall be located at the front operators station.

**12.0 HOSE REEL AND JET HOSE:**

The high pressure hose reel shall be non-articulating and mounted on the front of the truck in such a manner as to not obscure the drivers vision.. The reel must have a minimum ground clearance no less that the front axle.

12.1 **Capacity:** 600' of 1" hose – Minimum

12.2 **Drive:** Reel to be hydraulically driven with infinite speed control forward and reverse. Drive mechanism shall have full covers for operators protection.

12.3 **Wind Guide:** Reel to come equipped with a manual wind guide to evenly lay hose onto reel without operators attention.

12.4 **Jet hose:** Unit to come equipped with 600' of 1" diameter, high pressure jet hose, rated at not less than 3000 PSI working pressure. Hose to include 10' of high pressure "Leader Hose" attached to the end.

12.5 **Nozzles:** 1, 15°, sand type penetrator  
 1, 30°, round head sanitary  
 1, Culvert cleaning nozzle, (80 GPM)

12.7 **Foot Meter:** 2-way reading foot meter to accurately footage of hose.

12.8 **Accessories:**

12.8.1 36" Tyger Tail, or equal, flexible hose guide

12.8.2 Full set of spare jets for each of the above nozzles.

12.8.3 Finned style nozzle extension

\*note: Articulating hose reel to be offered as an option

**13.0 FRESH WATER TANK:**

- 13.1 **Capacity:** 1300 gallons – Minimum \_\_\_\_\_
- 13.2 **Design:** Tank(s) shall be constructed of non-ferrous, corrosion resistant material. Tank(s) to be mounted to provide a low center of gravity with no common walls with debris tank. \_\_\_\_\_
- 13.3 **Filler:** An approved anti-siphon device to be installed. Filler to include a 2 ½" diameter, 25' long hydrant hose. \_\_\_\_\_
- 13.4 **Level gauge:** Tank(s) to include a site gauge or other water level indicator and a low water level alarm. \_\_\_\_\_
- 13.5 **Pump outlet:** Pump water supply outlet to have a shut off valve and "Y-filter/strainer" with 80 mesh screen. \_\_\_\_\_

**14.0 TOOLBOX and ACCESSORIES:**

- 14.1 **Toolbox:** A minimum of one, full width of bed tool box, behind the cab with adjustable shelving to be included with other weather tight toolboxes included where practical. \_\_\_\_\_
- 14.2 **Tube Racks:** A complete set of storage racks capable of storing all the supplied vacuum tube extensions provided to be included. Racks are to be designed to allow safe access to all tubes. \_\_\_\_\_

**15.0 HANDGUN:**

A hand held wash-down gun designed to operate with 20 GPM @ 600 PSI to be provided.

- 15.1 **Hose:** Gun to include a minimum of 50' of ½ ", high pressure hose on a self-retractable hose reel. \_\_\_\_\_
- 15.2 **Location:** Wash-down gun to be located behind the cab on the curbside of the truck. To include a holder for the gun on the front bumper. \_\_\_\_\_

**16.0 AUXILIARY ENGINE:**

The power demands of the compressor and high pressure pump units are to be divided between the main vehicle engine and an independently controlled auxiliary engine.

- 16.1 **Design:** 6 cylinder, diesel, water cooled, 165 BHP \_\_\_\_\_
- 16.1.1 Engine must meet a minimum of Tier III emissions compliance.
- 16.1.2 Certificate of California emissions compliance to be included with bid.
- 16.1.3 To include a remote oil drain to facilitate servicing.
- 16.2 **Instrumentation:** Automatic shutdown system for high temperature, low oil pressure. Gauges for tachometer, engine temperature, oil pressure, charge voltage and hour meter. \_\_\_\_\_
- 16.3 **Enclosure:** The engine is to be fully enclosed in a sound deadening compartment. Engine enclosure must allow easy access to the engine for routine maintenance. Design shall allow operator to check fluids without removing panels. Enclosure and exhaust system must be designed to limit noise level at the operators station to not more than 85 decibels. \_\_\_\_\_
- 16.4 **Controls:** Engine controls to be located at the operators station, at the front hose reel. \_\_\_\_\_

**17.0 SURFACE TREATMENT:** All weld slag to be removed, sharp edges and rough spots to be sanded smooth, exposed metal surfaces shall be painted with National School Bus Yellow, Polyurethane enamel or Acrylic Urethane, per FED-STD-595, color; Acme color No. 85-43350-Y, except that:

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**COMBINATION CLEANER/VACUUM TRUCK**

- 17.1 Working and/or lubricated joints, cylinders, etc., shall not be painted.
- 17.2 The interior of the engine compartment, toolboxes, auxiliary tanks and all the underside areas of the vehicle exposed to abrasion from road debris, may be painted with black enamel or have a black permanent undercoating.
- 17.3 Chromium, finished aluminum and/or nickel plated surfaces shall not be painted.
- 17.4 All other exposed metal surfaces, not readily visible, may be treated or coated with a permanent corrosion preventative, in lieu of painting.
- 17.5 Tanks made of polypropylene, plastic or aluminum may be left unpainted.

This vehicle will be operated in coastal and high alkali areas which require a superior paint finish. **An inferior or incomplete paint job will not be accepted.**

**18.0 PUBLICATIONS:**

One copy, of the vehicle parts books or (CD ROM if available), service manuals and other pertinent materials covering the entire unit , two copies of the operator's manuals.

**19.0 GENERAL:**

- 19.1 **Training:** Upon final delivery, dealer shall provide demonstration of cleaning unit and truck operation, safety features, machine maintenance and other pertinent information.
- 19.2 **Components:** All equipment cataloged as standard to be furnished and included in purchase price of unit. The component parts of the unit shall be of proper size and design to safely withstand maximum stresses imposed by a capacity load. All valves switches and gauges shall be clearly marked for function.
- 19.3 **Model:** Only the latest models in current production which are cataloged by the manufacturers, and for which manufacturer's published literature and printed specifications are currently available, will be considered.
- 19.4 **Maintenance Kit:** Vendor is to supply 1 complete set of Original Equipment Manufacturers filters for maintenance of truck. The filters are to include, but not be limited to 1 each;
  - 19.4.1 Engine Oil Filter, Primary and Secondary Fuel Filter, Coolant conditioner
  - 19.4.2 Transmission filters for chassis.
  - 19.4.3 Auxiliary Engine oil, fuel and air filters
  - 19.4.4 Hydraulic filters
  - 19.4.5 Water pump supply wire strainer
- 19.5 **Dealer:** Bids will be considered only on equipment represented by a reliable manufacturer with a California distributor capable of providing timely service and parts. Dealer shall stock or be able to provide at least 90% of original equipment parts within 48 hours of order.
- 19.6 **Registration:** An original "Dealer's Report of Sale", signed by a responsible officer of the vendor with the title of the signer indicated, and a certified weight slip for registration purposes, shall be furnished promptly to consignee at time of delivery of unit covered by these specifications. **The**

County registers all vehicles, dealer is only to deliver registration documents and not register vehicle.

**20.0 DELIVERY:**

The completed unit shall be delivered to the County Public Works Road Yard, at 1335 Kansas Ave. San Luis Obispo, ready to operate with all fluids at proper levels and at least ¼ tank of fuel. The machine shall be considered delivered at the time it arrives at the county operation center for inspection by the Equipment Manager and is found to comply with these written specifications. **Any questions regarding delivery or construction details shall be directed to the County Equipment Manager, Jim Berg, at 805-781-5112.**

Delivery time of the Sewer Cleaning Truck purchased may be a key consideration in the award of the purchase order. In terms of days based on straight calendar days, vendors are instructed to quote their best delivery time for the truck bid. The truck selected for purchase shall be delivered on or before the number of calendar days quoted by the successful vendor.

Time is of the essence hereof. If the truck is not delivered in the time quoted by the vendor in this bid, or within any period of extension as authorized in writing by the County, it is understood the County will suffer damages from loss of use of said truck(s); and it being impracticable and infeasible to determine the actual damage, it is agreed that vendor shall pay to the County as fixed and liquidated damages and not as a penalty, the sum of One hundred dollars (\$100.00) for each working day of delay until the truck is delivered and accepted, and vendor shall be liable for the amount thereof, and the County may deduct said sums from any money due or that may become due the vendor; provided, however, that any delays in the delivery of truck due to unforeseeable causes beyond the control and without fault or negligence of the vendor (including but not limited to: act of County, fires, floods, epidemics, quarantine restrictions, strikes, or freight embargos).

Vendor shall, within five (5) calendar days from the beginning of any such delay, notify the County in writing of the cause of the delay; whereupon the County shall ascertain the facts and the extent of the delay and extend the time for delivery of the unit, when in its judgment the findings of facts justify such an extension of delivery. The County's findings of fact thereon shall be final and conclusive on the parties hereto.

**21.0 WARRANTY:**

Bidder shall include a copy of all standard warranties, extended warranties and indicate any costs associated with warranty options offered.

	<b>Length of warranty coverage</b>
21.1 Cab and chassis; Basic Warranty	_____
21.2 Vehicle Engine; Basic Warranty	_____
21.3 Transmission; Basic Warranty	_____
21.4 Compressor unit – 5 year minimum	_____
21.5 Debris tank – 5 year minimum	_____

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**COMBINATION CLEANER/VACUUM TRUCK**

21.6 High Pressure Pump – 5 year minimum \_\_\_\_\_

21.7 Entire Sewer Cleaner Unit \_\_\_\_\_

**22.0 COSTS:**

22.1 Complete Unit as specified \_\_\_\_\_

22.2 Optional Wireless Remote control \_\_\_\_\_

22.3 Optional Articulating Hose reel \_\_\_\_\_