



REQUEST FOR PROPOSAL

**CCTV VAN
BID NO. 070-0430-14A**

BID DUE DATE: Wednesday, APRIL 30, 2014 at 2:00 pm

I. GENERAL CONDITIONS

1. General Information - The Public Works Department of the City of Antioch, California, will receive bid responses at its office located at 1201 W. 4th Street,

Bids shall be made only on this bid form, properly executed, and enclosed in a sealed envelope bearing the name of the bidder, the bid number, bid due date, and bid title. Proposals shall be written in ink, computer generated, or typewritten. Mistakes may be crossed out and corrections inserted adjacent thereto and must be initialed in ink by the person signing the bid. Bids are to be verified before submission as they cannot be corrected, altered, or signed after bids are opened.

It is the vendor's/contractor's responsibility to check the City of Antioch website ([Bid Documents](#)), for any addenda that may have been issued prior to the bid/proposal due date.

2. Form of Bid - The bid shall be made on the attached bidder's proposal form. If the form is deemed inadequate, additional information may be submitted with the proposal, via an attachment of catalogs, drawings, photographs, or a letter. Letters repeating prices and details from the City's specifications must be omitted.

3. Interpretation of Bids - Should a bidder find discrepancies in, or omissions from the specifications, or should bidder be in doubt as to their true meaning, bidder shall submit a written request to the Public Works Department for an interpretation thereof prior to the bid opening. The person submitting the request shall be responsible for its prompt delivery. Any interpretation of, or change in the proposed documents will be made only by an addendum published on the City's website, ([Bid Documents](#)), and shall become part of any contract awarded. The City will not be responsible for any other explanation or interpretations.

4. Addenda - Any addenda issued by the City during the time of bidding shall be covered in the bid and shall be made a part of the contract. It is the vendor's/contractor's responsibility to check the City of Antioch website ([Bid Documents](#)), for any addenda that may have been issued prior to the bid/proposal due date.

5. Bid Openings - Bids shall be delivered to the Public Works Department of the City of Antioch on or before the day and hour set for the opening of bids in the published Notice to Bidders. Each bid shall be enclosed in a separate sealed envelope bearing the description of the bid, the bid number, the name of the bidder, and the date and hour of the bid opening. A bidder may withdraw his bid, either personally or by written request, at any time prior to the scheduled time for opening of bids.

6. Late Bids - Any bids received after the scheduled time of opening will be clocked in, but will not be opened or considered.

7. No Bid - If a bid is submitted without an amount, it will not be considered.

8. Award or Rejection - The bid will be awarded based on the best value and benefit to the City. The City reserves the right to reject any or all bids, or to waive any minor irregularities or informalities in the bid. The City reserves the right to change quantities prior to the award. The City reserves the right to award the contract to the bid that represents the overall best value to the City and will be announced by way of publishing to the City's website ([Bid Documents](#)).

9. Terms and Conditions - The successful bidder must comply with the City's insurance requirements as set forth in this document and the attached Maintenance and Trade Services Agreement. The bidder shall not change the wording in the attached specifications or conditions. No words or comments shall be added to the general conditions or detailed specifications. Conditional bids cannot be accepted.

10. Alternatives - The make or brand and grade of the article on which the bid is submitted should be stated on the bid form. If alternates are bid, literature must be submitted with bid in order for the alternate to be considered. All items on which bids are submitted must in all cases be equal or better in quality and utility to those specified by the City. Determination of the acceptability of any product offered shall be solely at the discretion of the City of Antioch.

11. Payment Terms - Must be indicated by filling in the proper blanks on the bid form. Cash discounts of less than 20 days will be considered net. The standard terms of the City of Antioch are Net 30 days. All invoices must include the Purchase Order number, job code and explanation of Services/Goods. The City shall make no payment until work has been inspected and approved by the City. The payment is contingent upon receiving proper invoice and delivery of the goods and/or services. Invoices must be mailed to City of Antioch, PO Box 5007, Attention Public Works, Antioch, CA 94531-5007.

12. FOB Point - It is understood that the bidder agrees to deliver FOB Destination, with no freight charges to the City. All costs for packing, delivery, drayage, postage, freight, express, or for any other purpose are to be borne by the bidder.

13. Brand Names – The use of the name of a manufacturer, or any special brand or make, in describing any item in the bid documents does not restrict bidders to that manufacturer or specific article. An equal of the named product will be given due consideration. Notwithstanding the foregoing, the City may impose additional restrictions in the Specification section of the documents.

14. Tax - No bid shall include federal excise tax, inasmuch as the City is exempt per published IRS regulations concerning state/local governments. The City is obligated to pay applicable state sales or use taxes.

15. Samples - When requested, bidders shall submit properly marked samples of the article(s) on which bid is made to the City. Any sample submitted must be clearly marked in such a manner that the marking is fixed, so that the identification of the sample is assured. Such marking shall state (1) CCTV VAN; (2) number of bid; and (3) item number. Samples, when required, must be furnished free of expense to the City, and if not destroyed by tests, will upon request, be returned at bidder's expense.

16. Inspection - All work performed shall be subject to the inspection of the City, and unsuitable work may be rejected. Defective work shall be made good by the vendor/contractor in a manner satisfactory to the City. The City shall make no payment until work has been inspected and approved by the City.

17. Assignment - No assignment by the contractor or any contract to be entered into hereunder or of any part thereof, except of funds to be received thereunder by the contractor, will be recognized by the City unless such assignment has had the prior written approval of the City.

18. Warranty - Terms of any warranty offered by the manufacturer or the bidder shall be included with the bid.

19. Timely Delivery - Time is of the essence, and the purchase order is subject to termination for failure to deliver on time. The acceptance by buyer of later performance with or without objection or reservation shall not waive the right to claim damage for such breach nor constitute a waiver of the requirements for the timely performance of any obligation remaining to be performed by the vendor/contractor.

20. Termination for Default - The City may, by written notice of default to the vendor/contractor, terminate the contract in whole or in part should the vendor/contractor fail to make satisfactory progress, fail to deliver within time specified therein or fail to deliver in strict conformance to specifications and requirements set forth therein. In the event of such termination, the City reserves the right to purchase or obtain the supplies or services elsewhere, and the defaulting vendor/contractor shall be liable for the difference between the prices set forth in the terminated order and the actual cost thereof to the City. The prevailing market price shall be considered the fair repurchase price. If, after notice of termination of this contract under the provisions of this clause, it is determined for any reason that the Contractor was not in default under the provisions of this clause, the rights and obligations of the parties shall be the same as if the notice of termination had been issued pursuant to the Termination for Convenience clause. The rights and remedies of City provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under resulting order.

21. Termination for Convenience - The City may, by written notice stating the extent and effective date, terminate the contract for convenience in whole or in part, at any time. The City shall pay the vendor/contractor as full compensation for performance until such termination the unit or pro rate price for the delivered and accepted portion, and a reasonable amount, as costs of termination, not otherwise recoverable from other sources by the vendor/contractor as approved by the City, with respect to the undelivered or unaccepted portion of the order, provided compensation hereunder shall in no event exceed the total price. In no event shall the City be liable for any loss of profits on the resulting order or portion thereof so terminated. The rights and remedies of City provided in this article shall not be exclusive and are in addition to any other rights and remedies provided by law or under resulting order.

22. Fiscal Year - Obligation for payment of any contract beyond the current fiscal year end is contingent upon the availability of funding from which payment can be made. No legal liability shall arise for payment beyond June 30 of the calendar year unless funds are made available for such performance.

23. Business License – The City of Antioch requires that any vendor/contractor doing business within the city limits must hold a valid City of Antioch Business License prior to merchandise delivery (by vendor/contractor) or services provided. If required, the awarding vendor/contractor must contact the Finance Department, at (925) 779-7059 for more information or a [Business License application](#).

24. Nondiscrimination and Equal Opportunity – Contractor shall not discriminate on the basis of a person's race, religion, color, national origin, age, physical or mental handicap or disability, medical condition, marital status, sex, or sexual orientation, against any employee, applicant for employment, subcontractor, bidder for a subcontract, or participant in, recipient of, or applicant for any services or programs provided by Contractor under this Agreement. Contractor shall comply with all applicable federal, state, and local laws, policies, rules, and requirements related to equal opportunity and nondiscrimination in employment, contracting, and the provision of any services that are the subject of this Agreement, including but not limited to the satisfaction of any positive obligations required of Contractor thereby.

Contractor shall include the provisions of this Subsection in any subcontract approved by the Contract Administrator for this Agreement.

25. Governing Law - This contract shall be construed and interpreted according to the laws of the State of California.

26. Questions relating to this bid should be submitted via email mwalker@ci.antioch.ca.us

27. Successful bidder shall be expected to agree to and comply with all terms addressed in the attached Sample Maintenance and Trade Services Agreement.

II INSTRUCTIONS AND CONDITIONS

1. PREPARATION/SUBMISSION OF BIDS:

- Each bid must be submitted on this form in a sealed envelope with the bid number, closing date, and time on outside.
- All information shall be entered in ink or typewritten. Mistakes may be crossed out and corrections inserted before submission of your bid. Corrections shall be initialed in ink by the person signing the bid.
- Corrections and/or modifications received after the closing time specified will not be accepted.
- Time of delivery shall be stated as the number of calendar days following receipt of the order by the vendor/contractor to receipt of the goods or services by the City.
- Time of delivery may be a consideration in the award.
- Prices will be considered as net if no cash discount is shown.
- All bids shall be signed by an authorized officer or employee of the bidder.
- Bids must be submitted by the date and at, or prior to, the time specified to be considered. No late bids will be accepted in any format.
- If your quotation is on an "all or nothing" basis, please state on quotation form.

2. RIGHT TO AUDIT:

The City of Antioch reserves the right to verify, by examination of vendor's/contractor's records, all invoiced amounts when firm prices are not set forth in the purchase agreement.

3. ASSIGNMENT:

In submitting a bid to a public purchasing body, the bidder offers and agrees that if the bid is accepted, it will assign to the purchasing body all rights, title and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 (commencing with Section 16700) of part 2 of Division 7 of the Business and Professions Code), arising from the purchases of goods, materials, or services by the bidder for sale to the purchasing body pursuant to the bid. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the bidder.

III CONTRACTOR'S INSURANCE REQUIREMENTS

Contractor shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Contractor, his agents, representatives, employees, or subcontractors.

Minimum Scope of Insurance

Coverage shall be at least as broad as:

1. Insurance Services Office Commercial General Liability coverage (occurrence Form CG 00 01).
2. Insurance Services Office Form Number CA 00 01 covering Automobile Liability, Code 1 (any auto).
3. Workers' Compensation insurance as required by the State of California and Employer's Liability Insurance.

Minimum Limits of Insurance

Contractor shall maintain limits no less than:

- | | | |
|---|-------------|---|
| 1. General Liability
(including operations,
products, and
completed operations | \$1,000,000 | Per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location, or the general aggregate limit shall be twice the required occurrence limit. |
| 2. Automobile Liability | \$1,000,000 | Per accident for bodily injury and property damage. |
| 3. Workers'
Compensation | | As required by the State of California. |
| 4. Employer's Liability | \$1,000,000 | Per accident for bodily injury or disease |

If the contractor maintains higher limits than the minimums shown above, their entity shall be entitled to coverage for the higher limits maintained by the contractors.

Deductibles and Self-Insured Retentions

Any deductibles or self-insured retentions must be declared to and approved by the City. At the option of the City, either: the insurer shall reduce or eliminate such deductibles or self-insured retentions as respects the City, its officers, officials, employees and volunteers; or the Contractor shall provide a financial guarantee satisfactory to the City guaranteeing payment of losses and related investigations, claim administration, and defense expenses.

Other Insurance Provisions

The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:

1. The City, its officers, officials, employees, and volunteers are to be covered as insureds with respect to liability arising out of automobiles owned, leased, hired, or borrowed by or on behalf of the Contractor; and with respect to liability arising out of work or operations performed by or on behalf of the Contractor including materials, parts, or equipment furnished in connection with such work or operations. General liability coverage shall be provided in the form of an Additional Insured endorsement (CG 20 10 11 85 or equivalent) to the Contractor's insurance policy, or as a separate owner's policy.

2. For any claims related to this project, the Contractor's insurance coverage shall be primary insurance as respects the City, its officers, officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, its officers, officials, employees, and volunteers shall be in excess of the Contractor's insurance and shall not contribute with it.
3. Each insurance policy required by this clause shall be endorsed to state that coverage shall not be cancelled by either party, except after thirty (30) day's prior written notice has been provided to the City.

Waiver of Subrogation

Contractor hereby agrees to waive subrogation which any insurer of contractor may acquire from contractor by virtue of the payment of any loss. Contractor agrees to obtain any endorsement that may be necessary to affect this waiver of subrogation.

The Workers' Compensation policy shall be endorsed with a waiver of subrogation in favor of the entity for all work performed by the contractor, its employees, agents, and subcontractors.

Acceptability of Insurers

Insurance is to be placed with insurers with a current A.M. Best's rating of no less than A:VII, unless otherwise acceptable by entity.

Verification of Coverage

Contractor shall furnish the City with original certificates and amendatory endorsements affecting coverage required by this clause. All certificates and endorsements are to be received and approved by the City before work commences. However, failure to do so shall not operate as a waiver of these insurance requirements. The City reserves the right to require complete, certified copies of all required insurance policies, including endorsements affecting the coverage required by these specifications at any time.

Subcontractors

Contractor shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein.

IV PREVAILING WAGES

Where labor is required for public work as part of this contract, pursuant to the provisions of the Labor Code of the State of California, contractors shall pay no less than the minimum wages established by the Director of the Department of Industrial Relations of the State of California. Copy of wage schedules are obtainable from the City's Engineering Department.

It shall be mandatory upon the contractor to whom the contract is awarded, and his subcontractors to pay not less than the established prevailing rate of wages to all workers employed by the contractor or said subcontractors in the execution of the contract.

The Contractor shall post a copy of the general prevailing rate of per diem wages at the job site pursuant to Section 1773.2 of the Labor Code of the State of California.

Pursuant to the provisions of Division 2, Part 7, Chapter 1, Article 2, and any amendments thereof of the Labor Code of the State of California, the Contractor and any subcontractor under him shall pay not less than the specified prevailing rate of wages to all workers employed in the execution of the contract.

The Contractor shall, as a penalty to the State or the City forfeit Fifty Dollars for each calendar day, or portion thereof, for each workman paid less than the stipulated prevailing rates for any work or craft in which such workman is employed under the contract by the Contractor or by any subcontractor under him. The difference between such stipulated prevailing wage rates and the amount paid to such worker for each calendar day or portion thereof for which each workman was paid less than the stipulated prevailing wage rate shall be paid to each workman by the Contractor. The provisions of Section 1776 of the Labor Code of the State of California shall be complied with by the Contractor. For all classes of work not specified herein, the minimum wage shall be that specified for general laborer.

The specified wage rates are minimum rates only and the City will not consider and shall not be liable for any claims for additional compensation made by the Contractor because of payment by him of any wage rate in excess of the general prevailing rates. All disputes in regard to the payment of wages in excess of those specified herein shall be adjusted by the Contractor at its own expense.

The holidays upon which such rates shall be paid shall be all holidays recognized in the collective bargaining agreement applicable to the particular craft, classification, or type of workman employed on the project.

V APPEALS AND REMEDIES

Any actual or prospective bidder, service provider, or contractor that has a grievance in connection with any City solicitation or award of contract shall proceed pursuant to Chapter 4 of Title 3 of the Antioch Municipal Code.

VI SPECIFICATIONS

General Classification: The following specification sets forth the specific requirements for (1) 2014 or newer, new unused unit. Unit must also be latest model possible, complete with all necessary equipment and accessories. The unit shall be: CCTV Van

It shall be equipped with the manufacturer's equipment and accessories, which are included as standard and offered to the general public in the advertised and published literature for the unit. No item, equipment or accessories shall be removed or omitted for the reason that it was not specified in the bid. The City of Antioch reserves the right to add options or make modifications to the contract at anytime prior to the date on the purchase order.

To best serve the requirements of the City Of Antioch, it is the intent of these specifications to secure equipment, which can be properly maintained and serviced without the necessity of stocking an expensive parts inventory or being subjected to long periods of interrupted service due to lack of spare parts. All Bidders submitting proposals must have available at least one (1) – factory parts and service center within the United States. These centers will be staffed with full-time technical, as well as order and shipping personnel, during regular business hours and days. These factory centers must have toll-free telephone service and be convenient to airfreight, bus, or overnight parcel service. The Bidder will list the nearest factory part and service location, plus any other pertinent information requested.

The Bidder will maintain rental and/or loaner electronic equipment at service center if unable to repair and have ready to return any component of the system within one (1) week of receipt from the purchaser. The service center will have available a rental or loaner component for immediate shipment. The Bidder will indicate whether a rental charge is made for this equipment and service both during and after warranty.

Quality: Truck shall be built to a high quality standard. All equipment shall be made to be user- friendly and built to last under commercial use. All work shall be aesthetically pleasing, demonstrating a high level of craftsmanship. The City of Antioch will not accept work that is poorly fabricated, designed and/or unattractive. Vehicles and equipment shall be legally equipped for safe use in the State of California at the time of delivery.

The City has the right to permit exceptions to, and deviations from, the specifications, if an article offered substantially meets or exceeds the specifications, and is deemed, by the City, to be satisfactory for its intended use. The City shall be the sole judge in determining acceptable equals. All exceptions to specifications must be listed in the space provided. Notations in any other manner may result in rejection of the bid. Any correspondence regarding this vehicle shall be done through the Collections Supervisor, [Brandon Chalk bchalk@ci.antioch.ca.us](mailto:Brandon.Chalk@ci.antioch.ca.us)

Bidder must provide in detail, in the column labeled "Bid Specifications" the items supplied that are exceptions to those specified by the City, include the listed item number. If items bidder is providing are the same as those specified, please indicate by writing "SAME" in the "Exceptions to Bid" column. Space is provided at the end of these specifications for additional comments.

INCOMPLETE BIDS WILL NOT BE ACCEPTED

Successful bidder shall be responsible for meeting specifications in this bid. All equipment installed shall be legal for use in the State of California.

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
CHASSIS	<ol style="list-style-type: none"> 1. A new current model year 2014 Hi Cube type van (Ford E450 series Super Duty) chassis and cab shall be provided. 2. 189" wheelbase, 108" cab to axle 3. Single channel frame (36,000 psi) 	
PAINT	<ol style="list-style-type: none"> 1. Paint of cab, chassis, and hi cube box will manufactures standard white 	
POWERTRAIN	<ol style="list-style-type: none"> 1. Triton 6.8L V10 SOHC SMPI 20 Valve engine 2. 120 amp alternator 3. 650 amp 72amp hours HD battery 4. 5 speed electronic automatic transmission with overdrive, lock up, driver selection 5. Transmission oil cooler 6. Rear wheel drive limited slip differential 7. 4:56 gear axle ratio 8. Stainless steel exhaust 	
TIRES & RIMS	<ol style="list-style-type: none"> 1. Dual rear wheels 2. Front and rear 16" x 6" painted steel wheels 3. LT225/75SR16 	
SUSPENSION & STEERING	<ol style="list-style-type: none"> 1. GVWR 16,000 2. Front Axle GAWR 6,000 3. Rear axle GAWR 12,000 4. Hydraulic power-assist re circulating ball steering 5. 4 wheel disc brakes with ABS (Front Disc to be vented) 6. Coil type front suspension with stabilizer bar and heavy duty gas charged shocks 7. Multi leaf single stage rear suspension, with stabilizer bar and heavy duty gas charged shocks 	
HI-CUBE BOX	<ol style="list-style-type: none"> 1. 16' long by 90" High by 96" wide (exterior dim) aluminum hi-cube box with barn door style rear doors with T clasp and double cam lock bars. Full with Galvanized grip thread style rear bumper 2. Any areas not painted from the factory must me primed and painted with matching paint. All seams must be sealed with a high grade automotive caulking prior to primer. 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
CAB INTERIOR	<ol style="list-style-type: none"> 1. AM/FM stereo / clock, seek-scan, 2 speakers, fixed antenna 2. Cruise control with steering wheel controls 3. Power door locks 4. Analog instrumentation includes tachometer, oil pressure gauge, engine temp gauge, volt meter gauge, trip odometer 5. Warning indicators include oil pressure, engine temp, battery, light on, key, low fuel, service interval 6. Steering wheel with tilt adjustment 7. Power windows with 1 touch down 8. Variable intermittent front windshield wipers 9. Front sun visors 10. Interior lights – dome light 11. Engine cover console with storage, glove box, front cup holders, driver and passenger door bins 12. ICC running lights 13. Seating capacity of two 14. Bucket front vinyl seats with fixed head restraints, driver and passenger armrests 15. Front height adjustable seatbelts with front pre-tensioners 16. Dual airbags 17. Vinyl headliner 18. Rubber floor cover 19. 4 way adjustable driver and passenger seat 20. 3 12v DC power outlets, retained accessory power 	
HVAC	<ol style="list-style-type: none"> 1. Cab will have biggest available air conditioning and heater 2. Manually operated with defroster 	
CAB EXTERIOR	<ol style="list-style-type: none"> 1. Driver and passenger power remote black, manual folding extendable trailer outside mirrors 2. Front chrome bumper 	
GENERATOR	<ol style="list-style-type: none"> 1. Commercial series Onan 5500 watt gasoline generator model # 5.5HGJAE-2131 mounted above deck and tied to chassis fuel system shall be provided. Generator will be mounted on slides for easy service and have the ability to slide all the way out . Voltage Protection for generator battery. 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
OFFICE AREA	<ol style="list-style-type: none"> 1. Floors shall be covered with a multi-layered PVC resin industrial floor covering 2. Interior walls shall be insulated with 1" polystyrene and/or batting and covered with a laminate 3. Interior ceiling shall be insulated with 1" polystyrene and covered ¼" plywood with naugahyde 4. 12 volt fluorescent light fixture- LED 2 Weldex WDLT-15W15D 5. A partition wall shall be provided between the control room and equipment room and shall be moved towards the front of truck by 1 foot 6. Minimum of 6 dual receptacle 120 volt ac outlets 7. 5 lbs DOT approved fire extinguisher 8. One padded bench seat over generator cover 9. Countertop with multi-layered PVC industrial resin covering 10. Dual Overhead cabinets above work station 11. One full length closet cabinet made from light weight aluminum 12. Recessed control center with mounted joysticks 13. 3200 watt inverter system with 3 gel cell batteries 14. Battery charging system 15. AC and DC breaker / fuse box 16. Generator remote start and hour meter in studio 17. (3) 20 inch wide screen monitor picture by picture computer and video display 18. One dvd recorder mounted on desktop 19. Adjustable office chair 20. 30 amp shore power connection to vehicle exterior on driver side 	
RACK MOUNT COMPUTER SYSTEM	<ol style="list-style-type: none"> 1. Must be 19" rack mount design 2. Must have two (2) processors that are a minimum of 3.06 GHz in speed, Xeon Processor 3. Must have a minimum of 32 GB of RAM 4. Must have a high quality graphic card by NVIDIA 5. Must have a minimum of 160 GB hard drive and TB data drive, Drives will be configured in a mirrored RAID configuration 6. Must have a DVD-RW / CD-RW optical drive 7. Must include a keyboard and mouse 8. Must be operating Windows 7, 64 bit 9. System shall include three (3) 19" high resolution computer monitors with a DVI input 10. System shall include two (2) 300 GB external USB hard drives 	
OFFICE AC	<ol style="list-style-type: none"> 1. 13,500 BTU low power consumption roof mounted air conditioner, to be ran off generator 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
POWER SUPPLY & CONTROLLER	<ol style="list-style-type: none"> 1. Power supply controller shall be rack mount design with remote control station and keyboard handling camera power and controls, tractor power and controls, text generation, diagnostics, and cable with controls. Camera systems that require more than one mounted component will be deemed unacceptable. 2. Remote Control Station must have a minimum 6" diagonal, full-color adaptive touch screen for selecting options and controlling system functions. 3. Remote Control Station shall give a diagnostic readout of component pressure and issue an audible warning when pressure is low. 4. Remote Control Station shall display the current draw of both the lighthoods and each motor in the tractor by view of a bar graph representing percentage 5. Remote Control Station shall allow for adjustment of brightness / intensity of both auxiliary light rings and camera lights, as well as be able to switch off individual light banks on the auxiliary lighthouse. 6. Power supply controller must have a graphic-oriented display generator to allow the operator to type on-screen text, display distance counter, camera inclination, and display date and time. 7. On-screen text must have a minimum of 16 lines of text with a minimum of 53 characters per line. 8. The controller must be capable accepting inputs for a minimum of 2 distance counters and switchable between meters and feet. 9. The controller must be able to delete all text from the screen with the press of a single key. 10. The power supply controller shall allow for a minimum of 10 color variations of overlay text to contrast on different backgrounds. 11. The on-screen text generator must have a header field that will continuously display text at the desired location. 12. The power supply controller shall allow the user to position each system field anywhere on the visible screen to prevent obstruction of view. 13. The power supply controller must automatically identify which camera, tractor, and cable winch is connected to the system. 14. The power supply controller must have a minimum of 1 composite video output, an S-Video output, and 1 composite video input. 15. The power supply controller shall be able to operate push cameras and small and large tractors. 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
POWER SUPPLY & CONTROLLER (CONTINUED)	<ol style="list-style-type: none"> 16. Tractor speed, speed set, direction, and steering must be operated from a multi-axis, multi-function joystick on the Remote Control Station. Forward and reverse must be controller by an up or down motion, drift steering by side-to-side motion, and skid steering via rotation of the joystick. IN addition, two function buttons must be supplied on the top of the joystick, one to set the speed and stop the tractor, the other to switch between cameras. 17. Camera pan & tilt operations, auto-home, iris, and focus must be operated from a multi-axis, multi-function joystick to be mounted in the desktop area. Camera rotation must be controlled by side-to-side movement of the joystick, tilting by up and down movement of the joystick and focus and iris controlled by rotation of the joystick. In addition, two function buttons must be supplied on the top of the joystick, one to return the camera to the home position, the other to switch between iris controls. 18. Joystick functions should automatically change based on power supply controller's recognition of the attached tractor or camera. 19. Joystick must have proportionate directional controls so that the speed of the tractor varies by the percentage from home to max. 20. Power supply controller must have the capability to switch between right hand and left hand joystick configurations. 21. Power supply controller must have 360 degrees joint inspection function that will automatically turn the camera to an upright position and then slowly scan 360 degrees. 22. Remote Control Station must allow the operator the ability to electronically and remotely switch off and on the radio sonde transmitter in the camera head. 23. Remote Control Station must allow the operator the ability to electronically and remotely switch off and on the upright picture control of the camera head. 24. When used with corresponding equipment, the power Remote Control Station must allow the operator the ability to electronically and remotely switch off and on the laser diodes, auto-focus, and control the zoom of the camera head. 25. The Remote Control Station must allow the operator the ability to electronically and remotely switch off and on the automatic tilt compensation of the tractor. 26. Remote Control Station must have an emergency stop button to remove all power to the downhole equipment. 27. Power supply controller shall weigh no more than 10 lbs for ease of installation and shipping 28. On screen text entry and menu navigation shall be done on a standard PS2 / AT keyboard 29. Controller must have a serial communications port using a DB9 connection for interface with various computer software. 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
<p>POWER SUPPLY & CONTROLLER</p> <p>(Continued)</p>	<p>30. The power supply controller must be able to be restarted without removing power to the other components and via menu selection from the Remote Control Station.</p> <p>31. The power supply controller shall have a master power switch o operation.</p> <p>32. Power supply controller menu system shall come standard with a minimum of 12 unique language settings.</p> <p>33. Power supply controller must be able to reset to factory defaults by a maximum of 3 key presses.</p> <p>34. The power supply controller must have a function to calibrate the tractor mounted inclination meter and have the ability to calibrate within a minimum of +/- 5%.</p> <p>35. The power supply controller must be constructed from lightweight, extruded aluminum with a minimum of 4 sides with over 80% of the surface area ventilated in the front of the unit.</p> <p>36. Power supply controller must have on –board help menus to aid in new user</p>	

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<p>POWERED CABLE WINCH (1000 FT)</p>	<ol style="list-style-type: none"> 1. The cable winch shall be stationary mounted and hold 1000 linear feet of camera cable. 2. Cable winch must operate with a 48 volt DC power source. 3. The cable winch must have an automatic level wind guide. 4. Cable winch must be fitted with a timing belt drive that requires no greasing of any drive component. Cable winches that require greasing of bearings or chains will be deemed unacceptable. 5. The cable winch shall have a cable equalization amplifier for video picture processing. 6. The cable winch must have an electromagnetic clutch to engage and disengage the cable winch. 7. The cable winch's clutch must be electronically switchable on and off using a push button switch with a LED status indicator light. 8. There shall be a cable distance-measuring device built into the boom and integrated pulley. 9. Cable winch must have an integrated traction-regulating device that ensures optimum performance of the tractor in all operating conditions. This system assists in paying out cable dependant on tractor speed. 10. Cable winch must have an integrated lowering winch to lift, lower, and position the tractor from the truck into the manholes. 11. Camera cable must have an industrial connector on the reel end to aid in quick exchange of cable. 12. Cable winch must be able to operate with an optional foot-controlled switch for hands-free raising and lowering of the camera / tractor with the lowering winch. 13. Cable winch shall be constructed of light, high-strength powder coated aluminum. 14. The cable winch's foldable boom must be able to support a minimum of 175 lbs. 15. Cable winch must have a 12 VDC work light mounted on the boom to illuminate in a downward angle. 16. Cable winch must have a removable drip tray that will catch and retain water and debris from main cable drum. 17. Camera cable must be a maximum of 0.375" diameter with 2000 lb. rating and Kevlar fiber armored. 18. The cable winch's integrated lowering winch must be capable of lifting a minimum of 175 lbs. 	

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<p>POWERED CABLE WINCH (1000 FT)</p> <p>(Continued)</p>	<ol style="list-style-type: none"> 19. The cable winch shall be equipped with an emergency brake that will lock the reel if power is lost to the system to prevent uncontrollable unreeling of camera cable. Emergency brake must be equipped with a manual override and hand crank. 20. Cable winch must have a remote control pendant with the following controls: tractor direction and speed, tractor stop, control cable winch, operate lowering winch, switch between internal and external controls, turn winch on and off 21. Cable winch must have an emergency stop button on both the drum and the pendant controller to remove all power to the downhole equipment. 22. Cable winch must have a minimum of 3 status indicators, power and circuit breaker states. 23. Cable winch must have a button used to reset the distance counter to zero position. 24. Cable winch must have a foldable boom that will lock into position at various angles 	
<p>PAN, TILT,ZOOM CAMERA</p>	<ol style="list-style-type: none"> 1. Camera must have pan, tilt and zoom function with motorized controls to allow the operator to change the viewing angle and camera zoom from the camera controller. 2. Camera must be able to be attached to push rod for lateral inspection operation as well as onto a wheeled robotic tractor for mainline operation. 3. Camera shall have remote focus controls that can be changed from the camera controller. 4. Camera shall have a digital, 3x zoom for looking up into laterals and focusing on more distant objects within the pipeline. 5. Camera shall have automatic iris that adjusts light sensitivity based on pipeline conditions and has the ability to manually set the iris level via a joystick. 6. The camera housing must be pressurized to a minimum of 1 bar to avoid water ingress that could cause damage. A low-pressure situation will alert the operator with an audible tone and text message on the camera controller's diagnostic display. 7. Camera shall have built-in minimum of 4 groups of 10 white LED lights to illuminate the interior of the pipeline. Light groups must be connected in parallel so that the failure of 1 LED does not affect other LEDs. 8. Camera must have auto upright picture control to insure video image is correctly displayed on the monitor with the top of the pipe always at the top of the video monitor screen. 	

ITEM	CITY OF ANTIOCH SPECIFICATIONS	BID SPECIFICATIONS Use this Space If Your Item Differs from the Specification
PAN, TILT,ZOOM CAMERA (Continued)	9. Camera must have a built-in radio sonde transmitter operating at 32.8 kHz. The transmitter shall be able to be powered off or on remotely without interrupting the camera operation. 10. Camera must be able to operate in a minimum 4" diameter pipeline. 11. Camera housing must be cylindrical in design with long radius edges and no protruding surfaces to catch on during operations. 12. Camera CCD imaging chip must have a minimum of 380,000 pixels. 13. Camera aperture angel / FOV shall be no less than 90 degrees diagonal. 14. Camera photosensitivity shall be no more than 0.1 lux. 15. Camera resolution shall be no less than 570 TVL of horizontal resolution. 16. Camera must have 360 degrees of continuous rotation 17. Camera rotation must be on the horizontal axis of the main connector with a slip ring through the geometric center of the camera to reduce unnecessary strain on moving parts and connectors during operation. 18. Camera rotation must be controllable between 2 speeds of rotation. 19. Camera must have 240 degrees of total pan with no less than 300 degrees angle of view 20. Camera shall have a zero (home) position where the camera views straight ahead and the upright picture control automatically enables. 21. All fasteners used on the camera must be recessed so that no protruding fasteners to catch during operations 22. Camera housing must be constructed of hard-anodized high strength aluminum with documented testing of shock resistance of 1 kg/height of fall 27.5" 23. Camera light housing must be constructed of high strength polycarbonate with a documented testing of shock resistance of 1 kg/height of fall 15.75" 24. Camera lense protective front window shall be constructed of a special glass with a documented testing of shock resistance of 1 kg/ height of fall 15.75". 25. Camera protection class shall meet a minimum of an IP68 to IEC 529 rating. 26. All electronic PCBs shall be connected to one another without the need of soldering for ease of service and repair. Any camera with PCBs that require soldering will be deemed unacceptable.	

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ROBOTIC TRACTOR SMALL	<ol style="list-style-type: none"> 1. Tractor must be able to operate in a minimum 4" diameter pipeline with enough clearance to negotiate offsets and debris. 2. Tractor shall be designed utilizing wheels / tires as its mode of propulsion. Tracked crawlers or other modes of propulsion shall be deemed unacceptable. 3. Tractor must be steerable with each side able to be independently operated to provide skid-steer style of turning. Tractor must have two internal motors for this operation. 4. All tractor drive components must be encased by the tractor body. 5. Tractor must be no longer than 14 inches in length. Any tractors longer than 14 inches shall be deemed unacceptable 6. Tractor must have a dual swivel cable connector allowing for both X & Y axis to pivot. 7. Must be able to be fitted with multiple camera connection configurations. Configuration shall include a movable connection to assist in positioning in confined areas and providing camera protection during impact with objects, a fixed position connection, and a connection that allows the addition of an auxiliary light ring. 8. Tractor must have continuously adjustable speed with speed set. 9. Tractor must have ATC (anti tilt compensation) that will automatically steer the tractor so that it does not ride up on the pipe wall and capsize. The anti tilt compensation shall maintain the tractor on a level plane within the pipeline during operation. Any tractors without ATC (anti tilt compensation) shall be deemed unacceptable. 10. The tractor housing must be pressurized to a minimum of 1 bar to avoid water egress from damage. A low-pressure situation will alert the operator with an audible tone and text message on the camera controller's diagnostic display. 11. The tractor may be supplemented with various wheel sets, a tractor height extension, additional weights, and auxiliary LED lighting. 12. The tractor may be outfitted with an inclinometer module to monitor and log the pitch and roll of the tractor in the pipeline. 13. Tractor body must be manufactured from solid brass for weight and coated with a chrome finish to resist tarnishing and facilitate cleaning. 14. All fasteners must be manufactured from a non-corrosive material such as stainless steel or aluminum. 15. Tractor must have lowering hooks mounted to work in connection with a claw to enable insertion and extraction out of manholes with minimal risk to equipment. 16. The tractor shall include wheel sets for 4" x 6" and 8" diameter pipe. 17. Tractor protection class shall meet a minimum of an IP68 to IEC529 rating. 	

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PRESSURE TEST KIT	<ol style="list-style-type: none"> 1. A pressure test kit must be supplied to pressurize the camera and tractor components. 2. The pressure test set must provide clean dehumidified air to the components. 3. The pressure test set must have quick connect adapters to accommodate each component. 4. The pressure test kit must have an air gauge and air relief valve set to 1 bar to prevent over pressurization. 	
WORK ACCESSORIES	<ol style="list-style-type: none"> 1. System must include a cable deflection pulley to aid in cable entry into pipeline. 2. Tractors must include a lowering hook with quick disconnect and have ease of operation during retrieval. 3. Smaller Drum Rack for cable drum 4. Lowering poles mounted on passenger side rear barn door 5. drum extended roller for offsite use 6. second step on the back of the truck 7. Tubes mounted between the frame rails to hold the High Warners that will be accessible from outside the truck 8. Fiberglass Abrasion Resistant Safety Ring for manhole shall be provided 9. Small sink in counter shall be provided 10. Rear vision camera with dash mounted monitor shall be provided 11. Equipment washdown system: 15 gallons shall be provided 12. Back up alarm shall be provided 	
EXTERIOR LIGHTING	<ol style="list-style-type: none"> 1. Arrow bar (Whelen #TANF85, rear and front, with controls in cab. Separate Whelen controller for front and back – with front light bar being mounted on front of header on box. Front and rear arrow board shall be provided 2. 2 adjustable flood lights, rear (shall be determined at pre build meeting) 3. No Roof mounted strobe lights on top. 6 lower LED BOX mounted instead. 2 rear facing (amber) 2 side facing on each side (amber), 2 front facing (amber) in grill. Part # 50A032AR Will be confirmed in pre build meeting 	
EQUIPMENT ROOM	<ol style="list-style-type: none"> 1. Insulated 7/16" plywood and white Kemlite covered walls shall be provided 2. Black diamond plate design pvc floor covering shall be provided 3. Partition wall with diamond plate and windowed door shall be provided 4. Formica cabinetry shall be provided 5. 7 drawer tool box shall be provided 6. Rear facing LCD monitor in equipment room shall be provided no smaller than 19" 	

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RESTROOM	<ol style="list-style-type: none"> 1. The restroom will be located in the equipment room against the wall to the control room. It shall be constructed of the same materials as the other interior walls with a door and a piano type hinge that is securely fastened to the wall. The door shall be equipped with a flush mount type closure that is lockable or equal to. 2. The toilet shall be flushable that drains to a 15 gallon black water polyethylene holding tank that can be emptied by means of a RV type hose connector 3. The restroom shall be equipped with a toilet paper and seat cover dispenser. 4. There shall be a overhead light and fan controlled by a switch inside the restroom. 5. The fresh water that will be used in the toilet will be attached to the 15 gallon fresh water holding tank that is tied to the sink in the equipment room. 	
OPERATING TRAINING	<ol style="list-style-type: none"> 1. Company shall provide no less than 8 full days training the operator on the van and equipment. Training will take place on various dates within the first 6 months of ownership on an as needed basis determined by the City of Antioch. 	
WARRANTY	<ol style="list-style-type: none"> 1. Vendors shall have a full parts and service facility within a reasonable distance from the City of Antioch's garage. State location and distance. The City will make the final determination on what is reasonable. 2. A qualified technician shall provide complete training to City of Antioch's personnel at its garage. Training shall include safety, operation, maintenance and service. 3. The manufacturer's standard warranty or guarantee on new equipment shall cover all items furnished in accordance with these specifications. 4. The minimum warranty period on new equipment will be (2) years from the date of delivery and carry the factory warranty for the chassis and cab. 	
CHASSIS AND POWERTRAIN WARRANTY	<ol style="list-style-type: none"> 1. Basic - 36 month / 36,000 miles 2. Powertrain - 60 month / 60,000 miles 3. Corrosion Perforation - 60 month / unlimited mileage 4. Roadside Assistance - 60 month / 60,000 miles 	
REGISTRATION	<ol style="list-style-type: none"> 1. To be completed by the dealer 	
KEYS	<ol style="list-style-type: none"> 1. 6 sets of keys shall be provided 	

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NOTES		

CCTV VAN BID NO. 070-0430-14A

BID DUE DATE: Wednesday, APRIL 30, 2014 at 2:00 pm

The undersigned bidder declares that it has carefully examined the locations of the proposed work, plans and specifications, special provisions and read the accompanying instructions to bidders.

Does proposed bid conform to all requirements listed in this document and drawings? _____
If NO, explain non-conforming specifications in detail on separate sheet.

Terms or Cash Discount (if other than net 30 days)_____

Company Name_____

Contact Name_____

Title_____

Address_____

City/State/Zip_____

Telephone_____ FAX_____

Email Address_____

Contractor's License No._____ Exp. Date_____

City of Antioch Business License No._____ Exp. Date_____

Signature_____ Date_____

Bid must be submitted in a sealed envelope with the bid number, closing date, and time on the outside envelope.

Send via mail (sealed) to:

or

Deliver via courier (sealed) to:

City of Antioch/Public Works
BID NO. 070-0430-14A
P.O. Box 5007
Antioch, CA 94531-5007

City of Antioch Public Works
BID NO. 070-0430-14A
[1201 W 4th Street](#)
Antioch, CA 94509

THIS PAGE MUST BE NOTARIZED

NON COLLUSION AFFIDAVIT

The Bidder, by its officers and agents or representatives present at the time of filing this bid, being duly sworn on their oaths say, that neither they nor any of them have in any way directly or indirectly entered into any arrangement or agreement with any other bidder, or with any public officer of the CITY OF ANTIOCH whereby such affiant or affiants or either of them has paid or is to pay to such bidder or public officer any sum of money, or has given or is to give to such other bidder or public officer anything of value whatever, or such affiant or affiants or either of them has not directly or indirectly entered into any arrangement or agreement with any other bidder or bidders, which tends to or does lessen or destroy free competition in the letting of the contract sought for on the attached bids; that no bid has been accepted from any subcontractor or supplier through any bid depository, the By-Laws, Rules or Regulations of which prohibit or prevent the Contractor from considering any bid from any subcontractor or supplier which is not processed through said bid depository, or which prevent any subcontractor or supplier from bidding to any Contractor who does not use the facilities or accept bids from or through such bid depository; that no inducement of any form or character other than that which appears upon the face of the bid will be suggested, offered, paid or delivered to any person of the contract, nor has this bidder any agreement or understanding of any kind whatsoever, with any person whomsoever to pay, deliver to, or share with any other person in any way or manner, any of the proceeds of the contracts sought by this bid.

NAME _____

SIGNATURE _____

TITLE _____

Subscribed and sworn to before me by:

This _____ day of _____, 20_____

Notary Public

Bidder's Initials _____

VII Bid Work Sheet - BID NO. 070-0430-14A - Due Wednesday, APRIL 30, 2014 at 2:00 pm

To The City of Antioch:

In compliance with the annexed notice inviting sealed proposals, the submitter hereby proposes to furnish all necessary tools and equipment, materials, labor, and supervision (including cost of Worker's Compensation Insurance and all payroll taxes on such labor) to complete this job as per the specifications as herein described in accordance with the special provision thereof, and agrees to enter into a contract thereof, at the quoted prices.

All prices shall be F.O.B. Jobsite, Antioch, California, and shall include any and all applicable taxes. Prevailing wage is required

LINE ITEM	COST DELIVERED	DISCOUNTS/INCENTIVES	COST DELIVERED AFTER DISCOUNTS/INCENTIVES
CCTV VAN PER RFP SPECIFICATIONS*			

** ATTACH SPECIFICATION SHEETS IF YOU ARE SUBMITTING SUBSTITUTIONS*