



## CLARK COUNTY, NEVADA

### INVITATION TO BID

**BID NO. 603418-14**

#### **CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK**

The bid package is available as follows:

- Internet – Visit the Clark County Purchasing and Contracts Division website at <http://www.ClarkCountyNV.gov/Purchasing>. Click on “Current Opportunities” and locate Document No. 603418 in the list of current solicitations.
- Mail – Please fax a request to (702) 386-4914 specifying project number and description. Be sure to include company address, phone and fax numbers.
- Pick up - Clark County Government Center, 500 South Grand Central Parkway, Purchasing and Contracts Division, Fourth Floor, Las Vegas, NV 89106.

A Prebid Conference will be held on **AUGUST 19, 2014** at **9:00 a.m.** at the Clark County Government Center, 500 South Grand Central Parkway, Purchasing and Contracts Division, Fourth Floor, Las Vegas, Nevada 89106. If your firm is unfamiliar with the County Bid Submittal procedures and would like to obtain training on the submittal process for this Bid, please contact Sandra Mendoza, Purchasing Analyst, at (702) 455-4184 no later than **MONDAY, AUGUST 18, 2014**, and a training session will be provided immediately following the pre-bid conference referenced above.

Bids will be accepted at the Clark County Government Center address specified above, on or before **AUGUST 26, 2014** at **3:00:00 p.m.** based on the time clock at the Clark County Purchasing and Contracts front desk.

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PLEASE PUBLISH THE INFORMATION PROVIDED ABOVE THE LINE.

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# I – INSTRUCTION TO BIDDERS

## BID NO. 603418-14 CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK

### 1. INTENT OF INVITATION

In accordance with the terms and conditions provided in this bid document, it is the intent of this formal Invitation to Bid to receive bids from qualified Bidders for the items specified in this document.

### 2. DEFINITIONS

- A. **Addendum:** A written document issued by COUNTY, via the Purchasing and Contracts Division, prior to the submission of bids which modifies or clarifies the Bidding Documents by additions, deletions, clarifications, or corrections.
- B. **BCC:** The Clark County Board of County Commissioners.
- C. **Bid (Bidder):** An offer, in response to a solicitation by COUNTY, to supply goods or services at a specific price and within a specified time period.
- D. **Bid (COUNTY):** A competitive solicitation by COUNTY to procure goods or services in accordance with Nevada Revised Statutes (NRS) 332.
- E. **Bid Form:** Standard printed form given to Bidders that must be completed and submitted back to COUNTY with the required information for evaluation of the bid, in correct format and sequence. Bid pages are identified herein as "Bid Form" and contain a black line in the right margin.
- F. **Bid Submittal:** Bid Form pages, Bid Security (if required), and all required attachments.
- G. **Bidder(s):** A supplier who submits a bid to COUNTY.
- H. **Bidding Documents:** May include but are not limited to, the Invitation to Bid, Instructions to Bidders, General Conditions, Special Conditions, Technical Specifications, Contract Requirements and Forms, Bid Forms/Attachments, Exhibits, Specifications/Special Provisions and Drawings, and any Addenda issued prior to the date designated for receipt of bids, as applicable.
- I. **CONTRACT:** Contract documents include the Bidding Documents, SUCCESSFUL BIDDER'S Bid Form, all Addenda, SUCCESSFUL BIDDER'S bonds and insurance and Notice of Award letter.
- J. **COUNTY:** The term used throughout these documents to mean County of Clark, Nevada.
- K. **F.O.B. Destination:** Designates the seller will pay shipping cost and remain responsible for the goods until the buyer takes possession.
- L. **Governing Body:** Used throughout these documents to mean the Clark County Board of Commissioners.
- M. **Lot:** A group of items similar in nature and bought individually, all items in a lot must be bid on to be a responsible bidder considered for award.
- N. **Nevada Revised Statutes (NRS):** The current codified laws of the State of Nevada. Nevada law consists of the Constitution of Nevada (the state constitution) and Nevada Revised Statutes. The Nevada Supreme Court interprets the law and constitution of Nevada.
- O. **No Substitute:** Means there is only one brand name product that is acceptable to perform the function required by the using department.
- P. **Purchasing Administrator:** The Clark County Purchasing Administrator or their designee responsible for the Purchasing and Contracts Division.
- Q. **Purchase Order:** The formal authorization by COUNTY for seller to provide goods or services to COUNTY. The formal CONTRACT takes precedence over any conflicting terms and conditions contained in the purchase order.
- R. **Repair:** Corrective actions required to ensure proper operation of existing equipment, up to and including replacing of said equipment.

- S. **Rural:** Clark County has towns outside of the urban valley which include, but are not limited to: Laughlin, Moapa Valley, Sandy Valley, and Indian Springs.
- T. **SUCCESSFUL BIDDER:** Bidder who is the lowest responsive, responsible or best Bidder, to whom the Governing Body or the authorized representative has authorized the award of the CONTRACT.
- U. **Urban:** This includes the contiguous urban Las Vegas Valley.

3. DESIGNATED CONTACTS

For questions pertaining to this Invitation to Bid, please call Sandra Mendoza, Purchasing Analyst, telephone number (702) 455-4184 or the Purchasing and Contracts Front Desk at (702) 455-2897. After award, the designated contact will be John Boris, Assistant Manager, Automotive Services, telephone number (702) 455-8545.

4. CONTACT WITH COUNTY DURING BIDDING PROCESS

Communication between a Bidder and a member of the BCC, or between a Bidder and a non-designated COUNTY contact, regarding this bid is prohibited from the time the bid is advertised until the bid is recommended for award of a contract. Questions pertaining to this Invitation to Bid shall be addressed to the designated contact(s) specified above. Failure of a Bidder, or any of its representatives, to comply with this paragraph may result in its bid being rejected.

5. PREBID CONFERENCE

A pre-bid conference is being held for this bid. The intent of the pre-bid conference is to review the entire bid document and answer any questions Bidders may have.

6. ADDENDA AND INTERPRETATIONS

- A. If it becomes necessary to revise any part of this bid, a written Addendum will be issued by COUNTY. COUNTY shall not be bound by any oral representations, clarifications, or changes made in the written requirements or specifications by COUNTY'S employees, unless such clarification or change is provided by COUNTY in written addendum form from the Purchasing and Contracts Division.
- B. Bidder(s) shall take no advantage of any apparent error or omission in the Bidding Documents. In the event Bidder(s) discover such an error or omission, they shall immediately notify COUNTY. COUNTY will then make such corrections and interpretations as may be deemed necessary for fulfilling the intent of the Bidding Documents through the issuance of an Addendum.
- C. Addenda shall be available via mail, certified mail, fax, online or pick up by all prospective Bidders.
- D. Prior to submission of the bid, Bidder shall ascertain that it has received all Addenda issued. Bidder shall acknowledge receipt of each Addendum by completing the acknowledgement space provided on the Bid Form. Failure to acknowledge receipt of all addenda and use the correct bid form as required may result in rejection of bid.

7. DOCUMENT REVIEW

Bidders may visit the Purchasing and Contracts Division, during normal business hours, to review any current bid documents. This information is available for review provided the contents of the document have not been deemed confidential or proprietary as defined in the "Public Records" clause in the General Conditions section of this bid. Bids submitted in response to this invitation to bid may be reviewed after the formal bid opening has been completed. To review bid documents, an appointment must be made in advance to ensure that full consideration will be provided. Please call telephone number (702) 455-2897 and request the Purchasing Front Desk to schedule your appointment.

8. PREPARATION OF FORMS

All bids must be submitted on the Bid Form provided in this document. **All figures must be written in ink or typed.** Figures written in pencil or containing erasures are not acceptable and may be rejected. However, mistakes may be crossed out and corrections may be inserted adjacent thereto and initialed in ink by the person signing the bid form.

In the event there are unit price bid items provided in the Bid Form, and the total indicated for a unit price bid item does not equal the product of the unit price and quantity, the unit price shall govern and the total will be corrected accordingly. Mathematical errors in the Bid shall be corrected by COUNTY. If there is no cost for a unit price, the Bidder **MUST** enter "0" or write the words "NO COST."

9. BID DOCUMENTS NECESSARY FOR SUBMITTAL

Bid Form, all required attachments, and the bid security (if required) shall be included in the envelope containing the bid. These documents, together, comprise a bid. Omission of, or failure to complete, any portion of the required documents at the time of bid opening may be cause to reject the entire bid.

10. SUBCONTRACTOR INFORMATION

Bidders should submit with their bids a list of the Minority-Owned Business Enterprise (MBE), Women-Owned Business Enterprise (WBE), Physically-Challenged Business Enterprise (PBE), Small Business Enterprise (SBE) and Nevada Business Enterprise (NBE) subcontractors for CONTRACT utilizing **Attachment 1**. The information provided in **Attachment 1** by Bidder is for COUNTY'S information only.

If there are any questions regarding **Attachment 1**, please contact Adleen Stidhum at telephone number (702) 455-7155.

11. DESCRIPTIVE LITERATURE

Bidder may be requested to provide the latest printed specifications and advertising literature on the product(s) offered on its Bid Form.

12. PRODUCTS**New Product:**

SUCCESSFUL BIDDER shall guarantee that the product provided to COUNTY shall be new, and of the latest and most improved model of current production, and shall be of first quality as to workmanship and materials used in said units.

A new product is defined as a product that is made up completely of unused, genuine, original parts. The product shall not have been operated for any purpose other than routine operational testing. A demonstrator product does not meet this definition and is not acceptable.

13. BRAND NAMES "OR EQUAL"

Whenever, in this Invitation to Bid, any particular materials, process, or equipment are indicated or specified by patent, proprietary or brand name, or by name of manufacturer, such wording will be deemed to be used for the purpose of facilitating description of the material, process, or equipment desired and will be deemed to be followed by the words, "or equal." Proof satisfactory to COUNTY must be provided by SUCCESSFUL BIDDER to show that the alternative product is, in fact, equal to the product required in the specifications.

14. SUBSTITUTIONS

Specifications are intended to show kind and quality required, and are not intended to be restrictive. **Additional bids that are equal to, or exceed the requirements stated in this document are invited.** Bidders desiring to submit more than one bid for items other than those specified shall observe the following procedure:

- A. Submit with the bid complete manufacturer's brochures of the actual items being offered, including pictures or dimensional drawings.
- B. Proof, satisfactory to COUNTY, must be provided by Bidder to show that the product is equal to, or exceeds the bid specifications in design and performance.
- C. Equivalent items may be subject to performance testing.

15. ORDER QUANTITIES AND UNIT PRICING

Unit pricing for the items listed in this bid shall be reflective of the unit of measure of "each." This bid expressly prohibits "minimum order quantity" practices. All invoices shall reflect the pricing for the exact quantities received.

16. DISCOUNT TERMS OF PAYMENT

Terms of payment, as listed on the Bid Form, shall be defined as the amount of discount offered by Bidder to COUNTY if payment is made within a specified time frame.

Examples:

Terms of Payment: 2%, Net thirty (30) Calendar Days.

A 2% payment discount will be deducted from the purchase price if the invoice is paid within thirty (30) calendar days of receipt of invoice or delivery of an acceptable product or service, whichever is later.

Terms of Payment: 0%, Net thirty (30) Calendar Days.

No payment discount is offered and payment is due within thirty (30) calendar days of receipt of invoice or delivery of an acceptable product or service, whichever is later.

**No prompt payment discount will be considered by COUNTY in the bid evaluation process unless the discount period offered by Bidder is thirty (30) calendar days or more.**

17. ADDITIONAL BIDS

Bidders may submit more than one bid as long as all such bids comply with, or exceed, the bid terms, conditions and specifications.

18. DEVIATIONS TO TERMS AND CONDITIONS OR SPECIFICATIONS

Any additional agreements, terms, conditions, or exceptions to the bid requirements or specifications that are submitted with Bidder's Bid Form may be considered substantial deviations from the bid requirements and be cause for rejection.

19. DURATION OF OFFER

All offers (bids) submitted in association with this Invitation to Bid shall be considered firm offers for a period of ninety (90) calendar days after the date of bid opening in order to allow COUNTY to evaluate and consider award, unless the offer is further extended in writing and agreed upon by both parties.

20. DEVIATIONS TO TECHNICAL SPECIFICATIONS

Any deviation taken at the time of or after bid submittal may render the bid non-responsive. If a Bidder is unable to meet the Technical Specifications, Bidder MUST complete the attached **Exhibit A** and submit it to the Purchasing Analyst at least five (5) business days prior to the scheduled **BID OPENING**. It shall be the sole responsibility of the Bidder to ensure that the Purchasing Analyst has been properly notified, **PRIOR TO THE BID OPENING DATE** of the Bidder's deviation to the Technical Specifications.

21. BIDDER'S REPRESENTATION

**Each Bidder by submitting their Bid represents that:**

- A. Bidder has read and understands the Bidding Documents and asserts that its bid is made in accordance therewith and shall be considered a firm offer for a period of ninety (90) calendar days following the opening of bids. The Bidder's offer may expire at the end of the ninety (90) calendar day period.
- B. Bidder is familiar with the local conditions under which the work is to be performed.
- C. **Prior to submission of the bid, Bidder shall ascertain that it has received all Addenda issued; Bidder shall acknowledge receipt of each Addendum by completing the acknowledgment space provided on the Bid Form. Failure to acknowledge receipt of all addenda and use the correct bid form as required may result in rejection of bid.**

22. SUBMISSION OF BIDS

**All bids must be submitted in a sealed envelope plainly marked with the name and address of Bidder and the bid number and title.** Bidders are requested to submit one (1) original and one (1) copy of the Bid Form and one (1) copy of all requested attachments unless otherwise specified. No responsibility will attach to COUNTY, or any official or employee thereof, for the pre-opening of, post opening of, or the failure to open a bid not properly addressed and identified. Bids are time-stamped upon receipt. Bids time-stamped after 3:00:00 p.m. based on the time clock at the Clark County Purchasing and Contracts front desk will be recorded as late, remain unopened and be formally rejected. **FAXED OR ELECTRONICALLY SUBMITTED BIDS ARE NOT ALLOWED AND WILL NOT BE CONSIDERED.**

The following are detailed delivery/mailling instructions for bids:

HAND DELIVERY

U.S. MAIL DELIVERY

EXPRESS DELIVERY

Clark County Government Center  
 Purchasing and Contracts Division,  
 4th Floor  
 500 South Grand Central Parkway  
 Las Vegas, Nevada 89106

Clark County Government Center  
 Attn: Purchasing and Contracts, 4th  
 Floor  
 500 South Grand Central Parkway  
 P.O. Box 551217  
 Las Vegas, Nevada 89155-1217

Clark County Government Center  
 Attn: Purchasing and Contracts, 4th  
 Floor  
 500 South Grand Central Parkway  
 Las Vegas, Nevada 89106

**Regardless of the method used for delivery, Bidder shall be wholly responsible for the timely delivery of its bid. Overnight Mail must use the EXPRESS DELIVERY instructions.**

**Any bids submitted via a third party courier must be sealed in a separate envelope from courier's packaging to allow for proper recording of receipt.**

**Bidders and other interested parties are invited to attend the bid opening.**

23. COST TO PREPARE AND SUBMIT RESPONSE

All costs incurred in the preparation and submission of responses to this Invitation to Bid shall be the responsibility of the Bidder.

24. WITHDRAWAL OF BID

A. Before Bid Opening

Bidders may request withdrawal of a posted, sealed bid prior to the scheduled bid opening time, provided the request for withdrawal is submitted to the Purchasing Analyst in writing, or a bid release form has been properly completed and submitted to the Purchasing and Contracts Division reception desk. Withdrawn bids must be re-submitted and time-stamped in accordance with this bid document in order to be accepted.

B. After the Bid Opening

All responsive and responsible bids received are considered firm offers for a period of ninety (90) calendar days. Bidder's offer will expire after ninety (90) calendar days unless the offer is further extended in writing by Bidder and agreed upon by both parties. If Bidder intended for award requests that its bid be withdrawn, that Bidder may be deemed non-responsible if responding to future invitations to bid or may be required to forfeit its bid bond (if applicable).

25. LOWEST RESPONSIVE AND RESPONSIBLE BIDDER

All bids will be awarded to the lowest responsive and responsible Bidder. The determination of the lowest responsive and responsible Bidder may be judged on all or some of the following factors: price, conformity to specifications, facilities and equipment, availability of repair parts, experience, terms of payment, qualifications, past performance, performance or delivery dates, quality and utility of services, supplies, materials or equipment offered and the adaptability of those services, supplies, materials or equipment to the required purpose of CONTRACT, and other objective and accountable factors which are reasonable. COUNTY has the option to accept additional promotional specials, discounts or trade-in allowances offered by SUCCESSFUL BIDDER during the term of CONTRACT but these offers will not be part of the determination for award of this bid unless otherwise specified.

In accordance with NRS 332.065.3, COUNTY may re-award CONTRACT if SUCCESSFUL BIDDER is found to be in breach of contract. Re-awarding the CONTRACT by COUNTY is not a waiver of any liability of the initial Bidder awarded CONTRACT.

26. REJECTION OF BID

COUNTY reserves the right to reject any and all bids received by reason of this request. COUNTY reserves the right to waive any minor informality or irregularity.

27. DISQUALIFICATION OF BIDDERS

Bidders may be disqualified and their bids may be rejected for any of, but not limited to, the following causes:

A. Failure to use the specified Bid Form furnished by COUNTY.

B. Lack of signature by an authorized representative.

C. Failure to properly complete the Bid Form.

D. Evidence of collusion among Bidders.

E. Unauthorized alteration to content of the Bid Form.

F. Failure to acknowledge all addenda issued.

28. TIE-BIDS

A tie-bid is defined as an instance where bids are received from two (2) or more Bidders who are the low Bidders, and their offers are identical. Bids must be identical in all evaluation areas; e.g., price, quality, delivery, terms, and ability to supply, etc. If any of these areas are not identical, it is not considered a tie-bid, and COUNTY can justify awarding to Bidder with the lowest responsive and responsible bid.

The procedure for tie-bids is to hold a public drawing and award the bid to the winner of the draw in accordance with the Method of Award clause in the Instruction to Bidders. When a drawing is necessary, Bidder(s) involved will be contacted with the time and place of the drawing. Attendance is not mandatory for the drawing. An impartial witness will be present at the drawing.

29. NOTIFICATION OF INTENT TO AWARD

COUNTY will issue to all Bidders a formal letter of "Notification of Intent to Award." This notice will confirm COUNTY'S determination of the lowest responsive and responsible Bidder.

30. PROTESTS

- A. Any Bidder who submits a bid and is allegedly aggrieved in connection with this solicitation or award of CONTRACT may protest. The letter of protest must, at a minimum, contain a written statement setting forth with specificity the reasons the person filing the notice believes that the applicable provisions of the law were violated and be accompanied by required bond. The protest must be submitted in writing to the Purchasing Analyst, within five (5) business days after COUNTY issued a "Notification of Intent to Award" letter. If a written protest is received within the time frame specified and is not resolved by mutual agreement, the Purchasing Analyst will issue a decision in writing to the protestor. Within three (3) business days of receipt of the decision, a protestor MUST submit to the Purchasing Administrator its written notice of intent to appeal the decision to the BCC. The Purchasing Administrator or their designee will notify the protestor of the date they may appear to present their appeal to the BCC. Protestor MUST submit to the Purchasing Administrator fifteen (15) copies of any documents protestor intends to present to the BCC and all documents MUST be submitted ten (10) calendar days prior to the BCC meeting. The decision of the BCC will be final. The BCC is not required to consider protests unless this procedure is followed.
- B. Bidder filing the protest shall be required, to post a bond with a good and solvent surety authorized to do business in this state, or submit other security, defined as a cashier's check, money order or certified check, to COUNTY who shall hold the bond or other security until a determination is made on the protest. A bond posted or other security submitted with the protest must be in an amount equal to the lesser of:
  - (1) 25% of the total value of the bid submitted by Bidder filing the notice of protest; or
  - (2) \$250,000
- C. The notice of protest filed in accordance with the provisions of this section operates as a stay of action in relation to the awarding of CONTRACT until the BCC makes a determination on the protest.
- D. A Bidder who submits an unsuccessful bid may not seek any type of judicial intervention until the BCC has made a determination on the protest and awards CONTRACT.
- E. Neither the BCC nor its authorized representative is liable for any costs, expenses, attorney's fees, loss of income or other damages sustained by a Bidder who submits a bid, whether or not the person files the protest pursuant to this section.
- F. If the protest is upheld by the BCC, the bond posted or other security submitted with the notice of protest must be returned to Bidder who posted the bond or submitted the security. If the protest is rejected by the BCC, COUNTY may make a claim against the bond or other security in an equal amount to the expenses incurred by COUNTY because of the unsuccessful protest. Any money remaining after the claim has been satisfied must be returned to the person who posted the bond or submitted the security.

31. METHOD OF AWARD

Award will be made to the lowest responsive and responsible Bidder grand total contingent upon the submission of all requested documents after award within the timelines specified, unless an extension is approved by the Owner. Bidders must bid on all items to be considered responsive.

32. LETTER OF AWARD

Award of this bid will be by "Letter of Award" issued by the Purchasing Analyst. CONTRACT shall include this Bid Document, any associated Addendums, and the Bid Form as signed by SUCCESSFUL BIDDER.

33. INITIAL TERM

This is a one-time purchase.

34. ADDITIONAL REQUIREMENTS

Although particular COUNTY departments may be identified in the solicitation, unless otherwise documented in CONTRACT, other COUNTY departments may utilize the resulting CONTRACT upon approval by COUNTY Purchasing and Contracts Division. Each COUNTY Department or Division will issue a separate identifying Purchase Order.

35. STATE OF NEVADA LEGAL HOLIDAYS

SUCCESSFUL BIDDER is advised that below there are ten (10) firm legal holidays and eleven (11) when December 31st falls on Friday.

Martin Luther King's Birthday  
 Presidents' Day

Memorial Day  
Independence Day  
Labor Day  
Nevada Admission Day  
Veteran's Day  
Thanksgiving Day and the Friday After  
Christmas Day  
New Year's Day

SUCCESSFUL BIDDER is required to verify dates with COUNTY'S representative prior to the commencement of work.

## II -GENERAL CONDITIONS

BID NO. 603418-14

### CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK

1. ASSIGNMENT OF CONTRACTUAL RIGHTS

SUCCESSFUL BIDDER will not assign, transfer, convey or otherwise dispose of CONTRACT or its right, title, or interest in, or to the same, or any part thereof, without previous written consent of COUNTY and any sureties.

2. AUDITS

The performance of CONTRACT by SUCCESSFUL BIDDER is subject to review by COUNTY to insure CONTRACT compliance. SUCCESSFUL BIDDER agrees to provide COUNTY any and all information requested that relates to the performance of CONTRACT. All requests for information will be in writing to SUCCESSFUL BIDDER. Time is of the essence during the audit process. Failure to provide the information requested within the timeline provided in the written information request may be considered a material breach of contract and be cause for suspension or termination of CONTRACT.

3. AUTHORITY

COUNTY is bound only by COUNTY agents acting within the actual scope of their authority. COUNTY is not bound by actions of one who has apparent authority to act for COUNTY. The acts of COUNTY agents which exceed their contracting authority do not bind COUNTY.

4. BIDS ARE NOT TO CONTAIN CONFIDENTIAL / PROPRIETARY INFORMATION

Bids must contain sufficient information to be evaluated without reference to any confidential or proprietary information. In accordance with NRS 239.010, Bidders shall not include any information in their bid that they would not want to be released to the public. Any bid submitted that is marked "Confidential" or "Proprietary," or that contains materials so marked, may be returned to Bidder and may not be considered for award.

5. CLARK COUNTY'S PROPERTY

All property owned by COUNTY and furnished to SUCCESSFUL BIDDER for the purpose of performance under this Bid will be identified and marked as COUNTY'S property and adequately insured by SUCCESSFUL BIDDER for COUNTY'S protection. In the event that COUNTY'S property becomes lost or damaged to any extent while in SUCCESSFUL BIDDER'S possession from any cause, including faulty workmanship or negligent acts by SUCCESSFUL BIDDER, its agents or its employees, SUCCESSFUL BIDDER agrees to replace such property or reimburse COUNTY for the value or expense of replacement, whichever is greater, in accordance with COUNTY request.

6. COLLECTION AND PAYMENT OF SALES TAX

In accordance with NRS 372.123, any Bidder that sells tangible personal property to any commercial business in the State of Nevada is required to possess a Nevada Sales Tax Permit and shall collect and pay the taxes as defined in NRS Chapters 372 and 374. Permit information can be obtained by contacting the Nevada State Department of Taxation at (702) 486-2300.

7. COLLUSION AND ADVANCE DISCLOSURES

Pursuant to NRS 332.820 evidence of agreement or collusion among Bidders and prospective Bidders acting to illegally restrain freedom of competition by agreement to bid a fixed price, or otherwise, shall render the bids of such Bidders void.

Advance disclosures of any information to any particular Bidder which gives that particular Bidder any advantage over any other interested Bidders, in advance of the bid opening, whether in response to advertising or an informal request for bids, made or permitted by a member of the governing body or an employee or representative thereof, shall operate to void all bids received in response to that particular request for bids.

8. CONSUMPTION ESTIMATES

The quantities appearing in the Bid Form are approximate only and are prepared for the solicitation of bids. Payment to SUCCESSFUL BIDDER will be made only for the actual quantities of items furnished in accordance with the bid and it is understood that the scheduled quantities of items to be furnished may be increased, decreased or omitted without, in any way, invalidating bid prices.

9. CONTRACT AMENDMENTS

Notwithstanding any provision herein to the contrary, and pursuant to NRS 104.2306, and recognizing the constraints inherent in public bidding, COUNTY reserves the right to request modification at any time to the scope, frequency, estimated quantities or the timing of SUCCESSFUL BIDDER'S obligations under CONTRACT, in whatever manner COUNTY determines, in good faith, to be reasonably necessary and to be in the best interests of the public. Both parties agree that, should any modifications to CONTRACT be made during CONTRACT term, a written amendment detailing those elements shall be executed by SUCCESSFUL BIDDER and the BCC or their authorized representative.

10. DISCLOSURE OF OWNERSHIP / PRINCIPALS

Any Bidder recommended for award of CONTRACT by the Board of County Commissioners is required to provide the information on the attached "Disclosure of Ownership/Principals" form. The form shall be submitted to COUNTY within twenty-four (24) hours after request. Failure to fill out the subject form by Bidders shall be cause for rejection of the bid.

11. DRUG-FREE WORKPLACE

SUCCESSFUL BIDDER agrees to comply with all applicable state and federal laws regarding a drug-free workplace. SUCCESSFUL BIDDER shall make a good faith effort to ensure that all of its employees, while working on COUNTY property, will not purchase, use, be under the influence of, or possess illegal drugs or alcohol or abuse prescription drugs in any way.

12. EMPLOYMENT OF UNAUTHORIZED ALIENS

In accordance with the Immigration Reform and Control Act of 1986, SUCCESSFUL BIDDER agrees that it will not employ unauthorized aliens in the performance of CONTRACT.

13. FEDERAL, STATE, LOCAL LAWS

All Bidders shall comply with all Federal, State and local laws relative to conducting business in Clark County. The laws of the State of Nevada will govern as to the interpretation, validity, and effect of this bid, its award, and any contract entered into.

14. FISCAL FUNDING OUT

COUNTY reasonably believes that funds can be obtained sufficiently to make all payments during the term of CONTRACT. If COUNTY does not allocate funds to continue the purchase of the product or service, in accordance with NRS 354.626, CONTRACT shall be terminated when appropriated funds expire.

15. FORCE MAJEURE

SUCCESSFUL BIDDER shall be excused from performance hereunder during the time and to the extent that it is prevented from obtaining, delivering, or performing, by acts of God, fire, war, loss or shortage of transportation facilities, lockout or commandeering of raw materials, products, plants or facilities by the government. SUCCESSFUL BIDDER shall provide COUNTY satisfactory evidence that non performance is due to cause other than fault or negligence on its part.

16. GOVERNING LAW/VENUE OF ACTION [GOODS, SERVICES]

CONTRACT shall be construed and enforced in accordance with the laws of the State of Nevada. Any action at law or other judicial proceeding for the enforcement of any provision shall be instituted in the County of Clark, State of Nevada.

17. GOVERNING ORDER OF BIDDING AND CONTRACT DOCUMENTS

The bidding and CONTRACT documents include various divisions, sections, and conditions which are essential parts for the work to be provided by SUCCESSFUL BIDDER. A requirement occurring in one is as binding as though occurring in all. They are intended to be complementary and to describe and provide for complete work. In case of discrepancy, the following precedence will govern:

- A. Amendment
- B. General Conditions
- C. Addenda
- D. Instructions to Bidders
- E. Federal Requirements (If Applicable)
- F. Special Conditions
- G. Technical Specifications

18. INDEMNITY

SUCCESSFUL BIDDER agrees, by entering into CONTRACT, regardless of the coverage provided by any insurance policy, to pay all costs necessary to indemnify, defend, and hold COUNTY harmless from any and all claims, demands, actions, attorney's fees, costs, and expenses based upon or arising out of any acts, errors, omissions, fault or negligence of SUCCESSFUL BIDDER or its principals, employees, subcontractors or other agents while performing services under CONTRACT. SUCCESSFUL BIDDER shall indemnify, defend, and hold harmless COUNTY for any attorney's fees or other costs of defense, even if the allegations of the claim are groundless, false or fraudulent.

19. INVOICING

Invoicing for bid items are to be sent to the location as identified in the purchase order(s). Invoices are to be sent within ninety (90) calendar days of the delivery of the product or completion of the work. Invoices for payment not submitted within this time period will not be considered for payment. Payment of invoices will be made within thirty (30) calendar days, unless otherwise specified, after receipt of an accurate invoice that has been reviewed and approved by the applicable department's authorized representative. In accordance with NRS 244.250 COUNTY shall not provide payment on any invoice SUCCESSFUL BIDDER submits after six (6) months from the date SUCCESSFUL BIDDER provides goods, performs services, or provides deliverables or milestones.

All invoices should include the following information:

- A. Company Name
- B. Complete Address (including street, city, state, and zip code)
- C. Telephone Number
- D. Contact Person
- E. Itemized description of products delivered (including quantities) or services rendered (including dates)
- F. Clark County Purchase Order Number
- G. Company's Tax Identification Number
- H. Bid Number
- I. Itemized pricing and total amount due (excluding Sales and Use Tax)
- J. Percentage Discounts/ Payment Terms (if offered)
- K. Company's Invoice Number
- L. Clark County Work Order Number(s)

SUCCESSFUL BIDDER is responsible to insure that all invoices submitted for payment are in strict accordance with the price(s) offered on the Bid Form. If overcharges are found, COUNTY may declare SUCCESSFUL BIDDER in breach of contract, terminate CONTRACT, and designate SUCCESSFUL BIDDER as non-responsible if responding to future invitations to bid.

20. INVOICE AUDITS

SUCCESSFUL BIDDER shall provide to COUNTY, within ten (10) business days of COUNTY'S request, a report to validate that the price(s) charged are in accordance with the price(s) offered on SUCCESSFUL BIDDER'S Bid Form. The format of the report will depend on the pricing structure provided on the Bid Form. The report shall be subject to review and approval by COUNTY'S using department(s) and Internal Audit Department. Discrepancies found in the report will require SUCCESSFUL BIDDER to update the report no later than five (5) business days after notification by COUNTY. In the event that SUCCESSFUL BIDDER undercharged COUNTY, COUNTY shall reimburse SUCCESSFUL BIDDER within ten (10) business days. In the event that SUCCESSFUL BIDDER overcharged COUNTY, SUCCESSFUL BIDDER shall reimburse COUNTY within ten (10) business days. If overcharges are found, COUNTY may declare SUCCESSFUL BIDDER in breach of contract, terminate CONTRACT, and designate SUCCESSFUL BIDDER as non-responsible if responding to future invitations to bid.

21. NON-DISCRIMINATION

The BCC is committed to promoting full and equal business opportunity for all persons doing business in Clark County. SUCCESSFUL BIDDER acknowledges that COUNTY has an obligation to ensure that public funds are not used to subsidize private discrimination.

SUCCESSFUL BIDDER recognizes that if they or their subcontractors are found guilty by an appropriate authority of refusing to hire or do business with an individual or company due to reasons of race, color, religion, sex, sexual orientation, gender identity or expression, age, disability, national origin, or any other protected status, COUNTY may declare SUCCESSFUL BIDDER in breach of contract, terminate CONTRACT, and designate SUCCESSFUL BIDDER as non-responsible.

22. NON-ENDORSEMENT

As a result of the selection of SUCCESSFUL BIDDER to supply goods or services, COUNTY is neither endorsing nor suggesting that SUCCESSFUL BIDDER'S service is the best or only solution. SUCCESSFUL BIDDER agrees to make no reference to COUNTY in any literature, promotional material, brochures, sales presentations, or the like, without the express written consent of COUNTY.

23. OUT OF STATE SUPPLIERS

Out of state suppliers shall accept collect calls or provide a toll free telephone number for the placement of orders.

24. PARTIAL PAYMENTS

Partial payment requests will be accepted only at the sole discretion of COUNTY.

25. PATENT INDEMNITY

A. SUCCESSFUL BIDDER hereby indemnifies and shall defend and hold harmless COUNTY, its officers, employees, agents, its officers, and employees, respectively, from and against all claims, losses, costs, damages, and expenses, including attorney's fees, incurred by COUNTY, respectively, as a result of or in connection with any claims or actions based upon infringement or alleged infringement of any patent and arising out of the use of the equipment or materials furnished under CONTRACT by SUCCESSFUL BIDDER, or out of the processes or actions employed by, or on behalf of SUCCESSFUL BIDDER in connection with the performance of CONTRACT. SUCCESSFUL BIDDER shall, at its sole expense, promptly defend against any such claim or action unless directed otherwise by COUNTY; provided that COUNTY or its construction manager shall have notified SUCCESSFUL BIDDER upon becoming aware of such claims or actions, and provided further that SUCCESSFUL BIDDER'S aforementioned obligations shall not apply to equipment, materials, or processes furnished or specified by COUNTY.

B. SUCCESSFUL BIDDER shall have the right, in order to avoid such claims or actions, to substitute at its expense non infringing equipment, materials, or processes, or to modify such infringing equipment, materials and processes so they become non infringing, or obtain the necessary licenses to use the infringing equipment, material or processes, provided that such substituted and modified equipment, materials and processes shall meet all the requirements and be subject to all the provisions of CONTRACT.

26. PUBLIC RECORDS

COUNTY is a public agency as defined by state law, and as such, is subject to the Nevada Public Records Law (Chapter 239 of the Nevada Revised Statutes). Under the law, all of COUNTY'S records are public records (unless otherwise declared by law to be confidential) and are subject to inspection and copying by any person. All bid documents are available for review following the bid opening.

27. PURCHASE ORDERS

The Purchasing and Contracts Division will issue a purchase order(s) which will authorize SUCCESSFUL BIDDER to deliver and invoice for the product(s) or service(s) offered.

28. RIGHT OF INSPECTION AND REJECTION

All goods and services purchased under this bid will be subject to inspections, tests and approval/acceptance by COUNTY. It is acknowledged that many of the goods contained in closed packages may not be inspected until such time as they are used, and that the inspections and rejection rights will continue until those packages are opened and inspected, notwithstanding prior payment. If specifications or warranties are not met, material and equipment will be returned at SUCCESSFUL BIDDER'S expense. Nonconforming goods may be returned to SUCCESSFUL BIDDER freight collect at which time risk of loss will pass to SUCCESSFUL BIDDER upon COUNTY'S delivery to common carrier or retrieved by SUCCESSFUL BIDDER at which time risk of loss will pass to SUCCESSFUL BIDDER at time of retrieval.

29. SEVERABILITY

If any terms or provisions of CONTRACT shall be found to be illegal or unenforceable, then such term or provision shall be deemed stricken and the remaining portions of CONTRACT shall remain in full force and effect.

30. SUBCONTRACTS

Services specified in CONTRACT shall not be subcontracted by SUCCESSFUL BIDDER, without the written approval of COUNTY.

Approval by COUNTY of SUCCESSFUL BIDDER'S request to subcontract or acceptance of or payment for subcontracted work by COUNTY shall not in any way relieve SUCCESSFUL BIDDER of responsibility for the professional and technical accuracy and adequacy of the services performed. SUCCESSFUL BIDDER shall be and remain liable for all damages to COUNTY caused by negligent performance or non-performance of services performed under CONTRACT by SUCCESSFUL BIDDER'S subcontractor.

31. SUBCONTRACTOR / INDEPENDENT CONTRACTOR

SUCCESSFUL BIDDER represents that it is fully experienced and properly qualified to perform the class of work provided for herein, and that it is properly licensed, equipped, organized and financed to perform such work. SUCCESSFUL BIDDER shall act as an independent SUCCESSFUL BIDDER and not as the agent of COUNTY in performing CONTRACT. SUCCESSFUL BIDDER shall maintain complete control over its employees and all of its Subcontractors. Nothing contained in CONTRACT or any subcontract awarded by SUCCESSFUL BIDDER shall create any contractual relationship between any such Subcontractor and COUNTY. SUCCESSFUL BIDDER shall perform all work in accordance with its own methods subject to compliance with CONTRACT.

32. SUSPENSION BY THE COUNTY FOR CONVENIENCE

- A. COUNTY may, without cause, order SUCCESSFUL BIDDER in writing to suspend, delay or interrupt the work in whole or in part for such period of time as COUNTY may determine.
- B. In the event COUNTY suspends performance of SUCCESSFUL BIDDER for an aggregate period in excess of sixty (60) calendar days, SUCCESSFUL BIDDER shall be entitled to an equitable adjustment of the compensation payable to SUCCESSFUL BIDDER under this Bid to reimburse SUCCESSFUL BIDDER for additional costs occasioned as a result of such suspension of performance by COUNTY. Equitable adjustment shall be based on appropriated funds and approval by COUNTY.
- C. No equitable adjustment will be made if performance is, was or would have been so suspended, delayed or interrupted by another cause for which SUCCESSFUL BIDDER is responsible.

33. TAXES

COUNTY is a political subdivision of the State of Nevada and under the provisions of Nevada Revised Statute (NRS) 372.325 is exempt from the payment of Sales and Use Tax (Employee Identification Number 88-6000028). A copy of the tax exempt letter is available upon request. The bid price(s) must be net, exclusive of these taxes.

34. TERMINATION FOR CAUSE

If SUCCESSFUL BIDDER fails to perform in accordance with the agreed terms, conditions, or warranties applicable to CONTRACT, COUNTY may **immediately** terminate all or part of CONTRACT upon written notice of intent to terminate without any liability by COUNTY to SUCCESSFUL BIDDER. In the event of termination for cause, COUNTY may cancel any delivery or service and purchase the product or service elsewhere on such terms or in such manner as COUNTY may deem appropriate and SUCCESSFUL BIDDER shall be liable to COUNTY for any excess cost or other expenses incurred by COUNTY.

35. TERMINATION FOR CONVENIENCE

COUNTY reserves the right to terminate CONTRACT in whole or part at any time whenever COUNTY shall determine that such a termination is in the best interest of COUNTY without penalty or recourse upon thirty (30) calendar day's written notice of intent to terminate. In the event that COUNTY elects to terminate CONTRACT, the termination request will be submitted to the BCC or the Clark County Administrative Services Department for approval.

36. TITLE AND RISK OF LOSS

The title and risk of loss of material or service shall not pass to COUNTY until material is delivered to the specific location, quantities are verified, and the material is inspected for damage or service is completed as specified.

37. USE BY OTHER GOVERNMENT ENTITIES

Nevada Revised Statutes 332.195 allows local governments to join or use the contracts of other local governments or the State of Nevada, with the authorization of contracting Supplier.

38. WARRANTY

SUCCESSFUL BIDDER warrants that the goods and services covered under this bid will conform to applicable specifications, instructions, drawings, data and samples, will be merchantable and of good material and workmanship, free from defects and will be fit and sufficient for the purposes intended. SUCCESSFUL BIDDER shall guarantee all workmanship, materials, and equipment they have furnished for a period of one (1) year after the final acceptance of the equipment or materials or for the length of the current manufacturer's warranty, whichever is longer. If during the guarantee period, any defect or faulty materials are found, it shall immediately, upon notification by COUNTY, proceed at its own expense to replace and repair same, together with any damage to all finishes, fixtures, equipment, and furnishings that may be damaged as a result of this defective equipment or workmanship. Acceptance or receipt of payment for goods or services shall not constitute a waiver of any warranty.

# III - SPECIAL CONDITIONS

## BID NO. 603418-14 CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK

Name of Firm

1. SERVICE AND INSPECTION INSTRUCTIONS - COMPLETION OF CONTRACT

Prior to delivery, the product shall be completely inspected and serviced by the delivering dealer or the manufacturer's pre-delivery service center. A copy of the manufacturer's standard pre-delivery service check list shall be completed for the product, signed by a representative of the organization performing the inspection/service and delivered with the product.

The product may be inspected at time of delivery, by an authorized representative of COUNTY, for workmanship, appearance, proper functioning of all equipment and systems, and conformance to all other requirements of this specification. In the event deficiencies are detected, the product will be rejected to make the necessary repairs, adjustments or replacements. Payment or the commencement of a discount period (if applicable) will not be made until the corrective action is made the product is re-inspected and accepted. If the product is accepted at delivery and later rejected because of deficiencies, it shall be the dealer's responsibility to pick up the product, make the necessary corrections and redeliver the product for re-inspection and acceptance at no additional cost to COUNTY.

2. DEALER'S REPORT OF SALE - COMPLETION OF CONTRACT

Dealer's Report of Sale shall be addressed to:  
 Clark County Automotive  
 4241 Stephanie Street  
 Las Vegas, NV 89122

3. TITLE FEES

The SUCCESSFUL BIDDER shall pay all title fees.

4. NOTICE OF DELIVERY(AUTOMOTIVE ONLY)

COUNTY shall be given twenty-four (24) hours notice prior to delivery in order to establish a time, date and location. Notify John Boris of Automotive Services, at (702) 455-8545. At the time of delivery SUCCESSFUL BIDDER shall provide the necessary documents and keys, as specified on the attachment, as per type of vehicles(s) being delivered. If the required documents and keys are not available at the time of delivery the vehicles(s) **will not be accepted.**

### DOCUMENTS AND KEYS REQUIRED AT DELIVERY

VEHICLE TYPE	DEALERS REPORT OF SALE IN-STATE	OR	CERTIFICATE OF ORIGIN OUT OF STATE	ODOMETER STATEMENT	PURCHASE ORDER (COPY)	INVOICE	KEYS (PER BID)	MANUAL (PER BID)
HEAVY DUTY TRUCKS AND EQUIPMENT IN EXCESS OF 12,000 LBS. LICENSED	X	OR	X	X	X	X	X	X

**NOTE: Vehicles without the indicated documents and keys will not be accepted.**

5. FUEL

Vehicle(s) shall be delivered with a full tank of fuel.

6. MILEAGE

Vehicle(s) shall be delivered with less than fifty (50) miles on the odometer.

7. KEYS

There shall be 3 sets of keys for each vehicle and all locking compartments or vandal covers provided at the time of delivery.

8. COMPONENT INSTALLATION

All components supplied shall be factory or dealer installed and shall be as advertised in current published literature unless otherwise stated (**Literature shall be provided upon request**).

9. DEALER'S NAMEPLATES AND DECALS

All Vehicle(s) shall be delivered free of dealer nameplates, license plate holders or advertisement decals.

10. ORDER CONFIRMATION

SUCCESSFUL BIDDER shall provide, within ten (10) business days of receipt of purchase order, a confirmation from the manufacturer showing the vehicles have been ordered. The confirmation may be provided via facsimile to:

Clark County Purchasing Department  
Attn: Sandra Mendoza, Purchasing Analyst  
Fax: (702) 386-4914

11. MANUALS

There shall be one part, one repair, and three operator manuals; or a PC friendly CD manual provided for each Vehicle at time of delivery.

12. LOCATION AND HOURS

Deliveries shall be made to the 4241 Stephanie Street, Las Vegas, Nevada 89122, Monday through Friday (excluding COUNTY'S holidays), between the hours of 8:00 a.m. to 4:00 p.m.

13. MAXIMUM DELIVERY TIME

Maximum delivery time is 120 calendar day(s). Failure to offer a delivery time within the maximum number of days specified may be considered a substantial deviation and be cause for rejection. Time is of the essence and failure to meet the delivery time specified shall constitute a breach of contract and may result in termination of CONTRACT.

14. OUT OF AREA DELIVERY REQUIREMENTS

If the successful Bidder is located outside of the Las Vegas Valley, it is required to have an Authorized Dealer located in the Las Vegas Valley who will act as its representative. All vehicles will be delivered to this local Authorized Dealer Representative and not directly to Clark County. This local Authorized Dealer Representative will be responsible for the Pre-delivery inspection (PDI), all dealer prep, delivery, and any necessary documentation and paperwork, including State of Nevada VIN inspection.

15. F.O.B. DESTINATION - FREIGHT PRE-PAID

SUCCESSFUL BIDDER shall pay all freight charges. SUCCESSFUL BIDDER shall file all claims and bears all responsibility for the products from the point of origin to COUNTY'S destination. All prices shall be F.O.B. the delivery points as required. All prices shall include delivery, as well as any necessary unloading.

16. PARTIAL SHIPMENTS

Partial shipments will not be permitted.

17. TRAINING

Training, in the form of orientation, shall be provided to COUNTY'S personnel by a qualified factory representative or the SUCCESSFUL BIDDER'S personnel, in the proper operation techniques, including care and maintenance of the product. This training shall take place at 4241 Stephanie Street, Las Vegas, Nevada 89122, at the SUCCESSFUL BIDDER'S expense.

18. FAILURE TO DELIVER

In the event that SUCCESSFUL BIDDER fails to deliver the product or service in accordance with the terms and conditions of CONTRACT, COUNTY shall have the option to either terminate CONTRACT or temporarily procure the product or service from another supplier. If the product or service is procured from another supplier, SUCCESSFUL BIDDER shall pay to COUNTY any difference between the bid price and the price paid to the other supplier.

19. DAMAGED OR DEFECTIVE PRODUCTS

SUCCESSFUL BIDDER shall replace, at no cost to COUNTY, damaged or defective products within 5 calendar day(s) after notice. This shall include freight and any and all other associated costs. Failure to do so will cause such products to be procured from another supplier. If the product is procured from another supplier, SUCCESSFUL BIDDER shall pay COUNTY any difference between the bid price and the price paid to the other supplier.

20. EXTENDED WARRANTY(S)

Specify all factory and component manufacturers' standards and extended warranties. SUCCESSFUL BIDDER shall list any extended warranties and costs associated with them that may be purchased by COUNTY.

**Special Conditions**

Bid No. 603418-14

Current Production Model Storm Drain Video Inspection Truck

(PLEASE NOTE: THE COST OF EXTENDED WARRANTIES SHALL NOT BE INCLUDED IN THE BID PRICE. THE EXTENDED WARRANTY DESCRIPTION AND PRICE SHALL BE LISTED SEPARATELY. COUNTY SHALL HAVE THE OPTION OF PURCHASING THE EXTENDED WARRANTIES SEPARATELY, BASED ON COUNTY BUDGETED APPROPRIATIONS) SUCCESSFUL BIDDER shall provide copy of warranties upon request.

# IV - TECHNICAL SPECIFICATIONS

## BID NO. 603418-14 CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK

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Name of Firm

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### ADDITIONAL VEHICLE

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#### **INTENT:**

It is the intent of these specifications to provide a vehicle that will conform to the specifications, and be suitable for continuous use by COUNTY. The vehicle offered shall be new, unused, the current production model and conform to the specifications provided below.

The vehicle shall comply with all Federal and State of Nevada Emission Control Regulations, and Safety Standards in effect at the time of delivery to COUNTY.

These specifications shall be construed as minimum requirements. Should the manufacturer's current published data or specifications exceed these, they shall be considered as minimum and be furnished by Bidder.

Any deviation taken at the time of or after bid submittal may render the bid non-responsive. If a Bidder is unable to meet the Technical Specifications, Bidder **MUST** complete the attached **Exhibit A** and submit it to the Purchasing Analyst at least five (5) business days prior to the scheduled **BID OPENING**. It shall be the sole responsibility of the Bidder to ensure that the Purchasing Analyst has been properly notified, **PRIOR TO THE BID OPENING DATE** of the Bidder's deviation to the Technical Specifications.

It is the sole responsibility of the BIDDER to ensure that the Purchasing Analyst has been properly notified of BIDDER'S inability to meet the specification, prior to the **BID OPENING DATE**.

**BIDDERS MUST RETURN THE ORIGINAL OR A PHOTOCOPY OF THIS FORM AND MAKE AN ENTRY FOR EACH SPECIFICATION IN THE SPACE PROVIDED OPPOSITE THE SPECIFICATIONS, INDICATING ANY VARIANCES IN THE SPECIFICATION. IF THERE IS NOT ENOUGH SPACE, ATTACH AN ADDITIONAL SHEET OF PAPER.**

#### SPECIFICATION NO. 1

#### **CHASSIS:**

Unit shall be built on a Ford F450 Diesel SD 4X2 chassis or equivalent. 6.7 liter V8 Diesel Engine. Chassis shall be newest model year and be compliant with latest emission standards. Shall have a 16,500 GVWR payload capacity. Must have Heat and AC, AM/FM/CD Radio, Power windows, mirrors, and doors. Must be a 6 speed automatic transmission. Must have a backup alarm and back up camera. Must have a 201-inch wheel base with a cab to axle of 120 inches.

#### SPECIFICATION NO. 2

#### **BODY:**

Body must be 16' long by 85" ID Height by 96" OD Width and be of aluminum construction. Must have barn style rear door. Must have "Chicago Style" rear bumper with permanent mounted rear steps. Must have a side door located passenger side with fold out steps. Side access door to generator.

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### SPECIFICATION NO. 3

#### **INTERIOR BUILD OUT:**

Interior of box must be separated into an enclosed, heated and air conditioned operators studio and an equipment bay that will open to the back of the truck. Air Conditioner/Heater to be Dometic Penguin model with heat strip. Operator Studio shall be equipped with a solid bulkhead wall with sliding pass-through window and access door. Formica desk contoured to walls with wall outlets above and below and under desk two drawer file cabinet. Rack cabinet for computer/dvd/rw, floor to ceiling storage cabinet with LED interior lighting, bench seat, overhead LED lighting, LCD monitor and operator chair. Walls and ceiling to be carpeted and insulated. Safety light switches are mounted in cab of truck. Equipment bay area to include enclosed generator compartment with access both from inside and outside for maintenance. Butcher block work surfaces, built in heavy duty storage/tool chest with slide out drawers. Must have slide out crawler tray under cable reel. Must include an area for securing 330' push camera. Rear facing LCD monitor and tie off clamp on bumper. Full height storage cabinet sits behind crawler drawer with LED lighting. Wash down system has on demand pump, lighted switch, 10 gallon tank with exterior fill, 25' retractable hose reel, and a sink in bay. Ceiling LED lighting. Walls and ceiling to be covered in grey FRP over plywood. Floor to be treaded black rubber. Must have a 12 volt hand held spotlight, Whelen P46HHS or equivalent. Must have a pedestal crane capable of lifting crawler in and out of manholes.

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### SPECIFICATION NO. 4

#### **GENERATOR POWER:**

Onan, Model HDKAT-41934, 7,500 Watts, 120 V, with 62.5 amps. Weight 420 pounds, length 36.35", width, 24.23", and height, 22.28

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### SPECIFICATION NO. 5

#### **SAFETY LIGHTING:**

LED strobes mounted all 4 corners be Buyers Products Model 8891216. Rear roof mounted LED strobe Buyers Products Model SL645ALP. Front roof mounted LED strobe to be Buyers Products model 8891216. Corner mounted LED work lights rear. Rear mounted LED arrow bar Starlight Model TD93DLXT-47-45. All lighting to be controlled from in cab of truck.

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SPECIFICATION NO. 6**BASE SYSTEM CRAWLER (QUANTITY OF 2):**

Crawler shall have a 6 wheel design in standard configuration for 6" pipe. Wheels must be in an overlapping configuration when configured for 8" pipe to avoid being high centered on debris in the pipe. In 8" configuration crawler must have a minimum of 1 3/8" of ground clearance. Crawlers with tracks will not be allowed.

Crawler shall have proportional (Left and Right side wheels move independently of the other side) left, right, forward, and reverse capability via manual and automatic controls via a joystick and direct buttons amongst the operator pendant and wireless controller. Crawlers using bump type steering will not be accepted.

Maximum size of 12.2" X 4.3" X 3.5" with a maximum weight of 19 pounds to ensure ease of lifting in and out of manholes. Minimum of two EC drive motors that must maintain full power even at lower speeds without depending on a higher current draw.

An electronic clutch that can be engaged and disengaged without moving the crawler must be included. Mechanical clutches will not be accepted.

Must be able to accept an optional remotely operated lift that can raise the camera head a minimum of 7" from the lowest position.

Full sensor package must be provided that will show inclination, roll, sonde (for locating), pressure, heat, and motor readings. Integral rearview color camera with high-lux tri-led lighting to be positioned at the top rear of crawler body and not have any visible increase in the diameter of the crawler body or be integrated in the rear connector. Must be able to toggle between rear and forward viewing cameras using operator control pendant.

Slotted locking mechanism must have a Keyway on camera rotation shaft to ensure damage free mating of electrical pins between crawler and camera.

Rear Connector must provide a water tight connection to 1 bar with no tools to attach. Connector must be stainless steel and provide a pull strength beyond 1000 lbs. External strain relief mechanisms will not be accepted.

Crawler must be machined from one piece of aluminum. Crawler to have a single top plate for access to control boards and a single bottom plate to access motors and dual side plates for access to gears enduring minimum openings to provide maximum leak prevention.

All 6 axels must have a machines key-way to ensure a positive drive connection and facilitate quick wheel change out.

Wheels and spacers shall have a single screw for change out.

Crawler must use CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradability.

A tilting rear cable connector that points vertically to protect cable during deployment into manhole but tilts to horizontal position during operation must be supplied.

Must have 512 Hz or 33 kHz integrated sonde to facilitate locating.

Must be able to accept Scanning and traditional CCTV camera heads.

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SPECIFICATION NO. 7**LARGE CRAWLER (QUANTITY ONE):**

Crawler must have 4-wheel drive and have proportional left, right, forward, and reverse capability via manual and automatic controls via a joystick and direct buttons amongst the operator pendant and wireless controller.

Dimensions shall allow operation on 18" minimum pipe lines. Minimum weight of 70 pounds

Minimum two EC drive Motors which must maintain full power at low speeds without being dependent on power draw.

Electronic clutch must be provided that can be engaged and disengaged without needing to move the crawler, **mechanical clutches will not be accepted.**

Must have an integrated lift allowing centering in a minimum 72" pipe.

Full sensor package must be provided that will show inclination, roll, sonde (for locating), pressure, heat, and motor readings

Integral rearview color camera with high-lux tri-led lighting to be positioned at the top rear of crawler body and not have any visible increase in the diameter of the crawler body or be integrated in the rear connector. Must be able to toggle between rear and forward viewing cameras using operator control pendant.

Slotted locking mechanism must have a Keyway on camera rotation shaft to ensure damage free mating of electrical pins between crawler and camera.

Rear Connector must provide a water tight connection to 1 bar with no tools to attach. Connector must be stainless steel and provide a pull strength beyond 1000 lbs. External strain relief mechanisms will not be accepted.

Crawler must be machined from one piece of aluminum. Crawler to have a single top plate for access to control boards and a single bottom plate to access motors and dual side plates for access to gears enduring minimum openings to provide maximum leak prevention.

All 4 axels must have a machines key-way to ensure a positive drive connection and facilitate quick wheel change out. Wheels and spacers shall have a single screw for change out.

Crawler must use CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradability.

A tilting rear cable connector that points vertically to protect cable during deployment into manhole but tilts to horizontal position during operation must be supplied.

Must have 512 Hz or 33 kHz integrated sonde to facilitate locating.

Sensor allowing automatic centering in pipe when lift in use.

Must be able to accept both scanning and conventional CCTV inspection camera heads.

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SPECIFICATION NO. 8**330 FOOT PUSH CAMERA WITH SELF LEVELING COLOR CAMERA HEAD:**

Cable reel assembly must be rated IP54 to ensure protection of the equipment during use.

Cable to be made of fiberglass epoxy rod with Kevlar strength layer. Abrasion- and water-resistant high-impact copolymer outer sheath to be rated for 4000-lb nominal breaking strain.

Interface between cable termination and spring assembly is to be sealed with industrial-strength epoxy. Dry fit connection will be deemed unacceptable.

Cable diameter shall be 12mm with a cable length of 330 ft.

Reel frame shall be made of powder coated steel with heavy-duty wheels and anti-lurch feet.

Reel height shall not exceed 38".

Interconnect lead from reel to control module shall be 12' long with optional 25' lead if required.

Complete cable assembly shall weigh no more than 66 lbs.

Integral transmitting coil shall have the ability to transmit three frequencies that are selectable from the control module.

Camera head shall be waterproof to 6 bar.

Camera head diameter not to exceed 1.62 in diameter.

Camera head shall weigh no more than 0.86 lb.

Camera housing shall be made of stainless steel.

Front lens of camera shall be made of industrial sapphire.

Camera shall be removable from cable reel with a single purpose-built spanner.

Camera shall have resolution of 420 HTVL and sensitivity of 1.0 lux.

Camera view shall be illuminated by 27 LEDs.

3 skids for centering in 4", 6", and 8" diameter pipe shall be supplied as standard.

Video must be displayed on an 8" TFT LCD with 800 x 600 pixel resolution.

Video must be recorded to internal memory of 16GB, expandable to 128GB.

Video must be recorded in MPEG-4 format for maximum compatibility.

System must have a 3X digital zoom function that can be used on both live and recorded video.

System must allow capture of still images from live or recorded video.

Still images must be captured in JPEG format for maximum compatibility.

System firmware must present thumbnail gallery for easy navigation of stored video and still images.

System must have internal 16-page color text writer to allow annotation of captured video.

System must have integral QWERTY keyboard with function and navigation keys for entry of data into text writer and defect reporting.

System must have user-configurable drop-down menu system for optimum ease-of-use.

System must accept encoder input for onscreen display of distance in either feet or meters.

System must allow identification and classification of defects per PACP and WRC standards.

System must store and export defect records (along with corresponding video and images) directly to WinCan software.

Onboard memory must be durable solid-state RAM (not fragile hard disk drive).

System must have USB 2.0 memory stick port for transfer of video, images and WinCan-compatible inspection observations.

System must have SD/SDHC card slot for transfer of video, images and WinCan-compatible inspection observations.

System must have internal Li-ion battery allowing 6 hours of continuous operation.

Battery must be rechargeable via both mains (110-240 Vac) and vehicle power (12 Vdc).

System must weight no more than 7 lb.

System must be no larger than 17.13"(w) x 9.85"(h) x 5.51"(d).

System must be housed in a weatherproof composite case with IP65 environmental rating.

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SPECIFICATION NO. 9**CCTV PAN AND TILT CAMERA HEAD (QUANTITY TWO):**

10X optical zoom with 12X digital zoom multiplier for a total zoom of 120X.

Ability to produce a high-quality color video image with a readable resolution of no less than 420 HTV lines.

Pan and tilt motors with no exposed gears or wires.

Ability to pan a full 360 degrees and tilt  $\pm 135$  degrees for full viewing of laterals and joints.

Ability to view behind crawler for upstream lateral rubber seal view on gravity-flow PVC pipes.

Dual projection lasers, 50mm apart, to be able to measure observations and gauge pipe diameter.

CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradeability.

Solid-state circuitry designed to withstand shock and vibration while being pushed, pulled or propelled through the pipe.

Ability to connect to crawler body via a single stainless-steel keyed tool. Connection must be waterproof.

Front housing made of aluminum and stainless steel, with windshield made of impact-resistant, distortion-free material.

Housing that is fully sealed and waterproof per IP68 to withstand external pressure up to 1 bar without damage or leaking.

Encoders to measure pan and tilt position, allowing camera to be controlled using automated software routines (Macros) stored in the operator pendant and to show camera position on the pendant.

Ability to attach to the front of the crawler by a simple turn of a slotted locking mechanism atop the crawler that drives 3 stainless bearings into the rotate shaft of the camera, all while maintaining a 1-bar waterproof seal.

Illumination provided by a minimum of 40 LEDs within the front housing area of 1 7/8 w x 2 1/2 h and deliver a 13,000-lux reading at 1' and a 3-lux reading at 25'. Lighting must illuminate targets beyond 10'.

A valve for purge and pressurization of camera-body. (Pressurization helps prevent ingress of water and helps prevent internal condensation and fogging.)

A total weight of no more than 3.3 lb.

A maximum size of 7" x 3" x 3" (lwh) in order to fit within a diameter of 3.5" (88mm).

Integral clutches to protect pan and tilt motors.

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SPECIFICATION NO. 10**SCANNING CAMERA HEAD:**

The camera must connect directly to any size crawler without modification to the camera, cable, control unit or any other part of the system.

When connected to any crawler there cannot be external wires, connectors, clamps or tie-downs.

The camera must have sensitivity better than 1 LUX.

Camera construction shall include all solid-state circuitry designed to withstand shocks and vibrations while being pushed, pulled or propelled through the pipe.

All camera electronics shall be of modular construction for ease of exchange and repair, and shall be designed to facilitate future upgrades.

The front of the camera housing shall have a windshield made of impact resistant, distortion-free material.

The housing shall be fully sealed and waterproof (IP68) to withstand external pressure up to 1 bar without damage or leaking.

The camera power supply shall be provided from a solid-state power source and the camera input shall be 12 volts DC.

The lighting for the camera shall be supplied through an isolated power supply and shall regulate the light voltage up to a nominal 36 volts DC.

The camera head must be interchangeable with conventional pan/tilt CCTV inspection cameras using the existing hardware system.

Ability to connect to crawler body via a single stainless-steel keyed tool. Connection must be waterproof.

Camera illumination must be provided with a minimum of 4 field-replaceable LED light rings that have a 180 degree lighting angle and provide 45,000 mcd/each to light pipes up to 15" diameter.

Camera shall have schrader valve for purge and pressurization of camera-body. Pressurization prevents the ingress of water during an accident and provides a dry air internal environment to prevent fogging of inner lens during changing external temperatures.

The camera will have a wide angle lens "fish eyed lens" capable of capturing 180° digital image of the inner pipe wall.

Camera must not weigh more than 2.8 lb. / 1.27kg.

Camera must have a maximum size of (91mm x 177mm x 88mm) in order to fit into a diameter of 6" / 150mm.

Side stainless plates must be a minimum of 13mm for increased durability when inserting the camera in a manhole.

Rotation axle must be made of a minimum of 15mm stainless steel.

Following camera functions must be able to be controlled via a remote pendant:

Focus; manual or automatic.

Rheostat control of lighting intensity.

The PAL resolution must be equal to 752 x 582 Pixel and a pixilation equal to 444.000 on colour ½"CCD.

The NTSC resolution must be equal to 768 x 494 Pixel and a pixilation equal to 380.000 on colour ½" CCD.

The focal length of the lens must be f = 1,6~3,4 mm

The lens angle must be 114.1° vertical, 180° horizontal, and 180°diagonal.

The camera must have manual or automatic shutters and focus.

The camera must also have an automatic whitening balance.

The camera must be able to operate in temperatures between 14° to 116°F

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SPECIFICATION NO. 11**MOTORIZED AUTOMATIC CABLE DRUM:**

Capacity for minimum 1,150 feet of cable.

A hub equipped with a continuous-contact slip-ring assembly to allow the cable to be dispensed and retrieved while the camera and tractors are operational.

An environmentally sealed slip ring whose contacts shall be of an alloy of gold.

A motorized system with sensors that monitor cable tension in order to coordinate cable feed/retrieval with direction and exact speed of the crawler.

Ability to perform all forward, backward and different speed functions without the operator having to control any cable reel functions directly.

An emergency stop switch.

Ability to operate in both automatic and manual modes.

External cable reel chassis to be made of strong and lightweight aircraft grade aluminum.

Work with Controller or Pendant based speed and torque controls to adjust for different pipe conditions and user preferences.

Weight of no more than 125 lb. (including 1000' of cable).

CAN-bus control architecture allowing for precision control, diagnostic monitoring and future upgradeability.

Work with a remote wireless pendant granting control of crawler and reel while away from the primary control pendant.

Ability to operate manually, with direct control of speed, direction and torque.

Teflon coated integral drip tray at bottom beneath stored cable. Allows for liquids to drain and be collected in a specific area for health and safety reasons. Can be slid out the front without tools for emptying and cleaning.

BNC video output for local video connection.

Size of no larger than 21"(h) x 14.5"(w) x 24.5"(d) with standard cable roll bar that extends 15" from the front of the reel.

Two handles to be at the top left and right of the cable reel for moving and transport.

Extended roll bar to be able to be placed back against the reel for storage and shipment without the need for additional fasteners or tools.

Desktop Controller- or Handheld Control Pendant-based power/torque controls for winching back crawler in optional free-wheel mode.

Ability to run automated software routines (Macros) in which the reel, crawler and camera function are automatically coordinated to accomplish a specific task without operator intervention.

All moving hazardous components to be completely covered/enclosed to prevent injury – hand or clothing can't reach dangerous moving parts. Open access design of the front, top and sides where an operator can touch level-wind mechanism, gears, chains and belts will be deemed unacceptable.

**Cable protection accessories, including:**

Upper cable guide that uses Delrin (or similar) roller mounted to lightweight aluminum frame to protect cable from abrasion during operation, and to limit operator strain during setup.

Lower roller assembly that uses Delrin (or similar) roller mounted to lightweight aluminum frame to protect cable from abrasion during operation, and to limit operator strain during setup. Designs requiring use of interlocking poles shall be deemed unacceptable.

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SPECIFICATION NO. 12**LIGHTWEIGHT HEAVY DUTY TRANSMISSION CABLE:**

1150 feet of cable with maximum 6-wire continuous-length multi-conductor wires for lightweight and easy maintenance performance.

Kevlar reinforcement to provide a minimum break strength of 1000 lbs.

Diameter of no more than 0.255" (6.5mm).

Weight of no more than 10.8 lb. per 328' (.03 lb. per ft. ) to promote portability, long crawler runs and easy handling for multiple sized crawlers.

Strain relief to be internal to the cable and cable connector. No external wires, pig tails or other visible external strain mechanisms will be accepted.

Waterproof rating of at least 1 bar or 1 atmosphere.

Tough outer jacket to resist tears and scrapes.

Smooth outer jacket to reduce friction.

Steel-armored jacket at crawler end to prevent cable damage around pipe bends.

Solid stainless steel screw on connector at crawler end that locks with two turns, and which engages a locking spring-loaded pin on the rear of the crawler to secure the cable and provide strain relief. Connections that require ANY tools or attachment screws will be deemed unacceptable.

Crawler electrical connection with keyway to prevent damage to electrical pins when mating with camera or crawler.

Ability to be re-terminated by soldering no more than 6 wires, then sealed and strain-relieved using a quick-dry epoxy.

Procedure shall take no more than half an hour to complete. More than 6-wire wire solder repair and solutions that require longer cure times will be deemed unacceptable.

Compatibility with fully automatic cable reel, manual cable reel.

Cable to be only single connection regardless of use of optional items such as additional lighting, side scanning camera, rear camera, laser circle, laser dots, remotely operated lift or large pipe carriage.

Ability to connect directly to the following without any modification or exterior wires, ability to be operated by system controls in this specification:

Base system Crawler (6" minimum pipe ID crawler).

Large Crawler (18" minimum pipe ID crawler).

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SPECIFICATION NO. 13**OPERATOR DESKTOP CONTROLLER:**

8" (21cm), hand held color touch-screen monitor with 800 x 600 display resolution for viewing, recording video and accessing control and configuration functions.

Pendant to have side strap-handles and be curved for comfortable operation.

Power on/off switch.

Standard ability to connect to a network in order to access remote server download of for lifetime automatic performance and feature upgrades.

Optional ability to connect to a network in order to work with repair studio software for remote diagnosis.

Integral error code maintenance and repair protocol which informs the operator of current or pending operating or maintenance tasks that need to be addressed by flashing a code during use. Codes correlate with a specific repair or maintenance activity.

Backside of pendant to have mounting hardware for various storage and mounting options. System to provide hardware for tilting-mount on a desktop or other flat surface.

Dual software programmed joysticks for camera and crawler functions.

Video signal output.

Right multifunction joystick to control crawler's forward/reverse, left/right turning and speed.

Left multifunction joystick to control camera's pan/tilt, zoom and home functions.

Controls for manual and automatic focus of camera.

Ability to display crawler pressure, temperature, sonde status, pitch (inclination) and roll.

Pressure to be listed onscreen and saved within system history for predictive maintenance.

Controls for adjusting illumination intensity of camera and auxiliary lighting.

Ability to control cable reel functions: auto, manual, speed, direction, torque of the cable reel.

Have a master single button to regain control from wireless controller.

Minimum 20' control cable that connects the automatic cable drum with the pendant via an emergency on/off switch box junction.

Ability to record digital video.

Ability to capture digital stills.

Ability to generate text on video.

Ability to inform operator if one is getting close to flipping the crawler.

Ability to directly engage or disengage electronic clutch.

Ability to capture, correlate and store still images with distance and observation information, all of which can be output into several reporting packages or viewed onscreen.

Captured data can be output via a file which will automatically populate relevant fields within existing or new WinCan software database.

Captured visual data can be printed in an inspection report that has manhole to manhole schematic, observations, distances, asset information, operator details and PACP codes.

Ability to operate crawler in cruise control mode where an operator does not need to touch the joystick for crawler speed.

Ability to view system operational history and performance

Ability to view a full schematic and observation inspection report on the pendant.

Ability to pause video when adding an observation as to not waste video file storage capacity.

Ability to generate a graphic inclination report to show pipe grade along inspection route.

64 GB file storage for an average of 40 hours of digital video or thousands of digital stills.

Output compartment at top of pendant that contains s-video, USB and network connections.

On/off control of digital zoom function.

On/off control of auto shutter speed.

Ability to toggle front-view camera, integral rear view camera, and accessory rear view camera.

On/off control for camera lasers.

Ability to control laser intensity of increments of 25%.

Control for remotely controlled motorized camera lift.

Button to activate automated software routine (Macro) for viewing laterals on the left.

Button to activate automated software routine (Macro) for viewing laterals on the right.

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SPECIFICATION NO. 14

**WIRELESS CONTROLLER:**

Portable battery powered belt clip wireless controller with crawler, camera and cable reel functions for easy direct single person deployment and retrieval of the crawler at the access point (manhole/basin).  
 Wireless controller to have 8 dual function buttons with clear labels as the function of each.  
 Wireless controller to have colored LED indicators to inform operator as to what functions the buttons are activated for.  
 Wireless controller to be digitally encoded to the system with which it is delivered.  
 Digital control to have a range of at least 50' without radio frequency interference being able to compromise the signal. RF systems will not be accepted.  
 Wireless encoder must work with a single specific system in order to provide secure control when several systems are being operated in the same area. For operator safety and system protection, there can be no chance for operational interference

SPECIFICATION NO. 15

**ADDITIONAL WHEELS AND TOOLS:**

20mm wide spacers (set of 4 supplied)  
 3.33" (86mm) rubber wheels (set of 6 supplied)  
 4.33" (110mm) grooved rubber wheels (set of 4 supplied)  
 4.33" (110mm) soft composite grease wheels with traction grit impregnation (set of 4 supplied)  
 5.31" (135mm) grooved rubber wheels (set of 4 supplied)  
 4.33" (110mm) pointed carbide wheels (set of 4 supplied)  
 (4) 5.31" (135mm) by wide (2.6") sediment rubber wheels (set of 4 supplied)  
 2 Sets of four wheels for large crawler for 18" to 72" pipe  
 Pressurization tool for pressurizing all crawlers and camera heads  
 Two (2) 74G filled CO2 canisters for pressurization of crawlers and camera heads.  
 All necessary T handle Allen Wrench tools for changing of the supplied wheels

SPECIFICATION NO. 16

**COMPUTER SYSTEM HARDWARE:**

The computer system must have a minimum of a PC main board with 4 GB of RAM, 3GHz Intel Pentium Core 2 Duo (or 2GHz Intel Core Duo) processor and 1 free PCI slot.  
 The computer system must have mirrored 500GB Hard Drives.  
 The computer system also requires a graphic card with dual head capability and own graphic memory. (MSI 9600 GT at 512MB of Memory)  
 The computer system also requires a Vitec Video Capture Board (Type CDL or CT).  
 The computer system must have at least 4 USB ports for a Multi USB Unit, WinCan v8 Dongle, and a flash drive or external hard drive.  
 The computer system also requires a 3-button mouse with mouse wheel.  
 Everything for the computer system must be mounted and assembled making it vibration resistance.  
 The computer system must also run Windows XP with the server pack 2 or newer.

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SPECIFICATION NO. 17**DIGITAL SIDE SCANNING SOFTWARE:**

The module must be able to create digital visual side scan images during the inspection to show the inner surface of the inspected pipe in an unfolded two-dimensional image.

The module must be able to generate high quality side scan images without any striping patterns and also produce a resolution equal to 1500 pixels per revolution.

The module must be able to store a front view image every 2 to 4 inches.

The module must also produce side scans with a file size no larger than 1 Megabyte per Meter inspected.

The module must allow a fast scan speed up to 70 ft. per minute.

The module must allow altering of the drive speeds during the inspection.

The module must be able to record inclination data during the scan.

The module must have an operator friendly calibration setup, where the operator can accurately center the camera height according to the inner diameter through the module.

The module must feature red and green scan ring settings where their positions can be altered by Ldirectional buttons located in the calibration setup.

The module must also allow the operator to select the clock position where the side scan is to be unfolded in the calibration setup.

The module must also allow the operator to manually enter the inner pipe diameter and camera height in separate dialog boxes.

The module must also allow the operator to store previous calibrations according to pipe diameter and pipe material for quicker calibration of the system.

The module must show the Horizontal Luminance Difference and allow the operator to edit this in the calibration setup. This shows the difference in percent from the left to right border of the unfolded strip.

The module must also allow you to calibrate the inclination prior to scanning by the use of a -10% or +10% buttons in the calibration setup.

The module must also display a speedometer showing meters per minute along with real time distance readings while the inspection is being performed.

The module must also display a pitch/roll meter showing the real time vertical and horizontal position of the crawler during the inspection.

The module must also show a live video signal using MPEG 2 capture through a Vitec Video Compression Board.

The module must show the side scans actually being assembled from the live MPEG signal.

The module must also have 3 video image quality adjustment sliders. These sliders will allow the operator to adjust the brightness, contrast, and saturation before and during the inspection.

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SPECIFICATION NO. 18

**WINCAN V8 SOFTWARE:**

**Must include but not limited to the following:**

Core License & Viewer Category  
 Two (2) WinCan Core Licenses  
 WinCan  
   Merging & Replication Tool  
   Viewer Export Tool  
   Vehicle Export Tool  
 Hardware Control Category  
   Overlay Control Module  
   Digital Capture Control Module  
   Lateral Inspection Module  
   Manhole Inspection Module  
   Draw Module  
   Crack Measurement Module (with lasers)  
 WinCan Mobile Map Module  
 One year Software and Product Support Service Agreement

WinCan Scan Explorer Module  
 Analysis & Reporting Category  
   Analysis Module  
   Compliance Category  
   PACP Module  
   PACP Export/Import Module  
   CDLab PCI MPEG 1/2/4 Hardware

SPECIFICATION NO. 19

**LOCATOR:**

A locating device Vivax Metrotech, Model VlocCam or equivalent must be provided with the system for locating crawler location in the pipe from above ground. Must be able to receive frequencies of 512 Hz, 640Hz, 33kHz. Must have a rechargeable battery.

SPECIFICATION NO. 20

**GPS RECEIVER:**

Trimble GPS Pathfinder ProXRT receiver must be provided. GPS unit must communicate wirelessly (via Bluetooth) with WinCan software in the truck to provide accurate location of surveys.

SPECIFICATION NO. 21

**TRAINING:**

Successful bidder shall provide a minimum of 3 days of training, to include operation, maintenance and minor repairs. Trainer must have a minimum of 2 year's experience in pipe scanning technology. Trainer must have a minimum of 5 years of PACP (Pipeline Assessment and Certification Program) certification.

SPECIFICATION NO. 22

**PRODUCT SUPPORT:**

The seller must be able to submit evidence that it is familiar with the operation and application of the Truck and equipment and that it is capable of providing routine repairs and parts at the local level. Shall have one (1) Parts Book (1) Service Manual and three (3) Operation & Maintenance Manuals for all of the equipment provided at the time of delivery.

SPECIFICATION NO. 23

**KEYS:**

Vehicle **must** be equipped with Factory Installed Four (4) key fobs for keyless entry and four (4) keys for all locks and they shall be provided at time of delivery to Clark County.

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SPECIFICATION NO. 24

**FUEL:**

Vehicle shall be delivered with a full tank of fuel.

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SPECIFICATION NO. 25

**COLOR:**

To be manufacturer's standard white with clear coat.

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SPECIFICATION NO. 26

**WARRANTY:**

Specify all factory, and component manufacturer's standard and extended warranties. Bidder shall list any extended warranties and costs associated with them that may be purchased by Clark County. (PLEASE NOTE: THE COST OF EXTENDED WARRANTIES IS NOT TO BE INCLUDED IN THE BID PRICE. THE EXTENDED WARRANTY DESCRIPTION AND PRICE WILL BE LISTED SEPERATELY AS AN OPTION. CLARK COUNTY SHALL HAVE THE OPTION TO PURCHASE THE EXTENDED WARRANTIES SEPARATELY.)

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# CLARK COUNTY, NEVADA

## V - BID FORM

BID NO. 603418-14

### CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK

Name of Firm

Item No.	Description	Quantity	Unit Price	Total
1.	<b>Current Production Model Storm Drain Video Inspection Truck</b> <hr/> (Model Year)                      (Manufacturer)                      (Model) Delivery _____ Calendar Days (maximum 120 days)	1 Each	\$ _____	\$ _____
<b>GRAND TOTAL</b>				\$ _____

**EXTENDED WARRANTY OPTIONS (IF ANY):**

Standard Warranties:

Type of Warranty	Number of Years/Hours
Type of Warranty	Number of Years/Hours
Type of Warranty	Number of Years/Hours
Type of Warranty	Number of Years/Hours

**LAS VEGAS VALLEY FACTORY AUTHORIZED REPAIR FACILITY:**

\_\_\_\_\_ (COMPANY NAME)                      \_\_\_\_\_ (ADDRESS)                      \_\_\_\_\_ (PHONE NUMBER)

Extended Warranty: \_\_\_\_\_  
                                          Type of Warranty                      Number of Years/Hours                      Cost

Extended Warranty: \_\_\_\_\_  
                                          Type of Warranty                      Number of Years/Hours                      Cost

**OUT OF STATE DEALERS MUST PROVIDE LOCAL AUTHORIZED DEALER REPRESENTATIVE CONTACT INFORMATION TO WHOM ALL VEHICLES WILL BE DELIVERED:**

\_\_\_\_\_ (COMPANY NAME – LOCAL AUTHORIZED DEALER)                      \_\_\_\_\_ (ADDRESS)                      \_\_\_\_\_ (PHONE NUMBER)

\_\_\_\_\_ (CONTACT PERSON)                      \_\_\_\_\_ (EMAIL ADDRESS)

**DELIVERY:**

\_\_\_\_\_ calendar days (Maximum 120 calendar days)

**DISCOUNT TERMS OF PAYMENT:**

\_\_\_\_\_%, \_\_\_\_\_ calendar days.

**BIDDER'S LOCAL FACILITY**

(If Bidder has multiple local facilities, please attach to bid submittal a list of this information for each facility)

\_\_\_\_\_  
CONTACT MANAGER OR ACCOUNT REPRESENTATIVE NAME

\_\_\_\_\_  
ADDRESS

\_\_\_\_\_  
CITY STATE, ZIP

\_\_\_\_\_  
PHONE NUMBER

\_\_\_\_\_  
FAX NUMBER

\_\_\_\_\_  
EMAIL ADDRESS

# ATTACHMENTS TO BID FORM

**FAILURE TO SUBMIT REQUIRED ATTACHMENTS AS LISTED BELOW MAY RESULT IN REJECTION OF BID.**

- 1. **Attachment 1**, Subcontractor Information, is attached.

Bidder is responsible to ascertain the number of Addenda issued and hereby acknowledges receipt of the following Addendum: **FAILURE TO ACKNOWLEDGE ALL ADDENDA ISSUED AND USE THE CORRECT BID FORM AS REQUIRED, MAY RESULT IN REJECTION OF BID.**

Addendum No. _____	Addendum No. _____	Addendum No. _____
Addendum No. _____	Addendum No. _____	Addendum No. _____
Addendum No. _____	Addendum No. _____	Addendum No. _____

Bidder hereby offers and agrees to furnish the material(s) and service(s) in compliance with all terms, conditions, specifications, and amendments in the Invitation to Bid and any written exceptions in the offer. We understand that the items in this Invitation to Bid, including, but not limited to, all required certificates are fully incorporated herein as a material and necessary part of the contract.

The undersigned hereby states, under penalty of perjury, that all information provided is true, accurate, and complete, and states that he/she has the authority to submit this bid, which will result in a binding contract if accepted by Clark County, Nevada.

**I certify, under penalty of perjury, that I have the legal authorization to bind the firm hereunder:**

_____ SIGNATURE OF AUTHORIZED REPRESENTATIVE	_____ LEGAL NAME OF FIRM
_____ NAME AND TITLE OF AUTHORIZED REPRESENTATIVE (PRINT OR TYPE)	_____ ADDRESS OF FIRM
_____ PHONE NUMBER OF AUTHORIZED REPRESENTATIVE	_____ CITY, STATE ZIP
_____ FAX NUMBER OF AUTHORIZED REPRESENTATIVE	_____
_____ EMAIL ADDRESS	_____ DATE
<b>BUSINESS LICENSE INFORMATION:</b>	
_____ CURRENT STATE                      LICENSE NO.	_____ ISSUE DATE:                                      EXPIRATION DATE:
_____ CURRENT COUNTY:                      LICENSE NO.	_____ ISSUE DATE:                                      EXPIRATION DATE:
_____ CURRENT CITY:                              LICENSE NO.	_____ ISSUE DATE:                                      EXPIRATION DATE:

**FOR INFORMATIONAL PURPOSES ONLY:**

The above referenced firm is a  MBE  WBE  PBE  SBE  NBE  LBE as defined below.

***STATE OF NEVADA BUSINESSES***

**MINORITY OWNED BUSINESS ENTERPRISE (MBE):**

An independent and continuing Nevada business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more minority persons of Black American, Hispanic American, Asian-Pacific American or Native American ethnicity.

**WOMEN OWNED BUSINESS ENTERPRISE (WBE):**

An independent and continuing Nevada business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more women.

**PHYSICALLY-CHALLENGED BUSINESS ENTERPRISE (PBE):**

An independent and continuing Nevada business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more disabled individuals pursuant to the federal Americans with Disabilities Act.

**SMALL BUSINESS ENTERPRISE (SBE):**

An independent and continuing Nevada business for profit which performs a commercially useful function, is not owned and controlled by individuals designated as minority, women, or physically-challenged, and where gross annual sales does not exceed \$2,000,000.

**NEVADA BUSINESS ENTERPRISE (NBE):**

Any Nevada business which has the resources necessary to sufficiently perform identified County projects, and is owned or controlled by individuals that are not designated as socially or economically disadvantaged.

***BUSINESSES IN OTHER STATES***

**LARGE BUSINESS ENTERPRISE (LBE):**

An independent and continuing business for profit which performs a commercially useful function and is not located in Nevada.

**ATTACHMENT 1**  
**BID NO. 603418-14**  
**CURRENT PRODUCTION MODEL STORM DRAIN VIDEO INSPECTION TRUCK**

**SUBCONTRACTOR INFORMATION**

It is our intent to utilize the following MBE, WBE, PBE, SBE, and NBE subcontractors in association with CONTRACT:

1. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
2. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
3. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
4. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
5. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
6. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE
  
7. Subcontractor Name: \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Telephone Number: \_\_\_\_\_  
Description of Work: \_\_\_\_\_  
Estimated Percentage of Total Dollars: \_\_\_\_\_  
Business Type:     MBE             WBE             PBE             SBE             NBE

No MBE, WBE, PBE, SBE, NBE subcontractors will be used.



**INSTRUCTIONS FOR COMPLETING THE  
DISCLOSURE OF OWNERSHIP/PRINCIPALS FORM**

**Purpose of the Form**

The purpose of the Disclosure of Ownership/Principals Form is to gather ownership information pertaining to the business entity for use by the Board of County Commissioners ("BCC") in determining whether members of the BCC should exclude themselves from voting on agenda items where they have, or may be perceived as having a conflict of interest, and to determine compliance with Nevada Revised Statute 281A.430, contracts in which a public officer or employee has interest is prohibited.

**General Instructions**

Completion and submission of this Form is a condition of approval or renewal of a contract or lease and/or release of monetary funding between the disclosing entity and the appropriate Clark County government entity. Failure to submit the requested information may result in a refusal by the BCC to enter into an agreement/contract and/or release monetary funding to such disclosing entity.

**Detailed Instructions**

All sections of the Disclosure of Ownership form must be completed. If not applicable, write in N/A.

**Business Entity Type** – Indicate if the entity is an Individual, Partnership, Limited Liability Company, Corporation, Trust, Non-profit Organization, or Other. When selecting 'Other', provide a description of the legal entity.

**Non-Profit Organization (NPO)** - Any non-profit corporation, group, association, or corporation duly filed and registered as required by state law.

**Business Designation Group** – Indicate if the entity is a Minority Owned Business Enterprise (MBE), Women-Owned Business Enterprise (WBE), Small Business Enterprise (SBE), Physically-Challenged Business Enterprise (PBE), Veteran Owned Business (VET), Disabled Veteran Owned Business (DVET), or Emerging Small Business (ESB) . This is needed in order to provide utilization statistics to the Legislative Council Bureau, and will be used only for such purpose.

- **Minority Owned Business Enterprise (MBE):** An independent and continuing business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more minority persons of Black American, Hispanic American, Asian-Pacific American or Native American ethnicity.
- **Women Owned Business Enterprise (WBE):** An independent and continuing business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more women.
- **Physically-Challenged Business Enterprise (PBE):** An independent and continuing business for profit which performs a commercially useful function and is at least 51% owned and controlled by one or more disabled individuals pursuant to the federal Americans with Disabilities Act.
- **Small Business Enterprise (SBE):** An independent and continuing business for profit which performs a commercially useful function, is not owned and controlled by individuals designated as minority, women, or physically-challenged, and where gross annual sales does not exceed \$2,000,000.
- **Veteran Owned Business Enterprise (VET):** An independent and continuing Nevada business for profit which performs a commercially useful function and is at least 51 percent owned and controlled by one or more U.S. Veterans.
- **Disabled Veteran Owned Business Enterprise (DVET):** A Nevada business at least 51 percent owned/controlled by a disabled veteran.
- **Emerging Small Business (ESB):** Certified by the Nevada Governor's Office of Economic Development effective January, 2014. Approved into Nevada law during the 77th Legislative session as a result of AB294.

**Business Name (include d.b.a., if applicable)** – Enter the legal name of the business entity and enter the "Doing Business As" (d.b.a.) name, if applicable.

**Corporate/Business Address, Business Telephone, Business Fax, and Email** – Enter the street address, telephone and fax numbers, and email of the named business entity.

**Nevada Local Business Address, Local Business Telephone, Local Business Fax, and Email** – If business entity is out-of-state, but operates the business from a location in Nevada, enter the Nevada street address, telephone and fax numbers, point of contact and email of the local office. Please note that the local address must be an address from which the business is operating from that location. Please do not include a P.O. Box number, unless required by the U.S. Postal Service, or a business license hanging address.

**Number of Clark County Nevada Residents employed by this firm. (Do not leave blank. If none or zero, put the number 0 in the space provided.)**

**List of Owners/Officers** – Include the full name, title and percentage of ownership of each person who has ownership or financial interest in the business entity. If the business is a publicly-traded corporation or non-profit organization, list all Corporate Officers and Directors only.

**For All Contracts – (Not required for publicly-traded corporations)**

- 1) Indicate if any individual members, partners, owners or principals involved in the business entity are a Clark County full-time employee(s), or appointed/elected official(s). If yes, the following paragraph applies.

In accordance with NRS 281A.430.1, a public officer or employee shall not bid on or enter into a contract between a government agency and any private business in which he has a significant financial interest, except as provided for in subsections 2, 3, and 4.

- 2) Indicate if any individual members, partners, owners or principals involved in the business entity have a second degree of consanguinity or affinity relation to a Clark County full-time employee(s), or appointed/elected official(s) (reference form on Page 2 for definition). If **YES**, complete the Disclosure of Relationship Form. Clark County is comprised of the following government entities: Clark County, Department of Aviation (McCarran Airport), and Clark County Water Reclamation District. Note: The Department of Aviation includes all of the General Aviation Airports (Henderson, North Las Vegas, and Jean). **This will also include Clark County Detention Center.**

A professional service is defined as a business entity that offers business/financial consulting, legal, physician, architect, engineer or other professional services.

**Signature and Print Name** – Requires signature of an authorized representative and the date signed.

**Disclosure of Relationship Form** – If any individual members, partners, owners or principals of the business entity is presently a Clark County employee, public officer or official, or has a second degree of consanguinity or affinity relationship to a Clark County employee, public officer or official, this section must be completed in its entirety.

## DISCLOSURE OF OWNERSHIP/PRINCIPALS

<b>Business Entity Type (Please select one)</b>						
<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Partnership	<input type="checkbox"/> Limited Liability Company	<input type="checkbox"/> Corporation	<input type="checkbox"/> Trust	<input type="checkbox"/> Non-Profit Organization	<input type="checkbox"/> Other
<b>Business Designation Group (Please select all that apply)</b>						
<input type="checkbox"/> MBE	<input type="checkbox"/> WBE	<input type="checkbox"/> SBE	<input type="checkbox"/> PBE	<input type="checkbox"/> VET	<input type="checkbox"/> DVET	<input type="checkbox"/> ESB
Minority Business Enterprise	Women-Owned Business Enterprise	Small Business Enterprise	Physically Challenged Business Enterprise	Veteran Owned Business	Disabled Veteran Owned Business	Emerging Small Business
<b>Number of Clark County Nevada Residents Employed:</b>						
<b>Corporate/Business Entity Name:</b>						
<b>(Include d.b.a., if applicable)</b>						
<b>Street Address:</b>				<b>Website:</b>		
<b>City, State and Zip Code:</b>				<b>POC Name:</b>		
				<b>Email:</b>		
<b>Telephone No:</b>				<b>Fax No:</b>		
<b>Nevada Local Street Address:</b>				<b>Website:</b>		
<b>(If different from above)</b>						
<b>City, State and Zip Code:</b>				<b>Local Fax No:</b>		
<b>Local Telephone No:</b>				<b>Local POC Name:</b>		
				<b>Email:</b>		

All entities, with the exception of publicly-traded and non-profit organizations, must list the names of individuals holding more than five percent (5%) ownership or financial interest in the business entity appearing before the Board.

Publicly-traded entities and non-profit organizations shall list all Corporate Officers and Directors in lieu of disclosing the names of individuals with ownership or financial interest. The disclosure requirement, as applied to land-use applications, extends to the applicant and the landowner(s).

Entities include all business associations organized under or governed by Title 7 of the Nevada Revised Statutes, including but not limited to private corporations, close corporations, foreign corporations, limited liability companies, partnerships, limited partnerships, and professional corporations.

Full Name	Title	% Owned (Not required for Publicly Traded Corporations/Non-profit organizations)

**This section is not required for publicly-traded corporations. Are you a publicly-traded corporation?**     Yes     No

1. Are any individual members, partners, owners or principals, involved in the business entity, a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?
 

Yes     No    (If yes, please note that County employee(s), or appointed/elected official(s) may not perform any work on professional service contracts, or other contracts, which are not subject to competitive bid.)
  
2. Do any individual members, partners, owners or principals have a spouse, registered domestic partner, child, parent, in-law or brother/sister, half-brother/half-sister, grandchild, grandparent, related to a Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District full-time employee(s), or appointed/elected official(s)?
 

Yes     No    (If yes, please complete the Disclosure of Relationship form on Page 2. If no, please print N/A on Page 2.)

I certify under penalty of perjury, that all of the information provided herein is current, complete, and accurate. I also understand that the Board will not take action on land-use approvals, contract approvals, land sales, leases or exchanges without the completed disclosure form.


## DISCLOSURE OF RELATIONSHIP

List any disclosures below:  
(Mark N/A, if not applicable.)

NAME OF BUSINESS OWNER/PRINCIPAL	NAME OF COUNTY* EMPLOYEE/OFFICIAL AND JOB TITLE	RELATIONSHIP TO COUNTY* EMPLOYEE/OFFICIAL	COUNTY* EMPLOYEE'S/OFFICIAL'S DEPARTMENT

\* County employee means Clark County, Department of Aviation, Clark County Detention Center or Clark County Water Reclamation District.

“Consanguinity” is a relationship by blood. “Affinity” is a relationship by marriage.

“To the second degree of consanguinity” applies to the candidate’s first and second degree of blood relatives as follows:

- Spouse – Registered Domestic Partners – Children – Parents – In-laws (first degree)
- Brothers/Sisters – Half-Brothers/Half-Sisters – Grandchildren – Grandparents – In-laws (second degree)

**For County Use Only:**

If any Disclosure of Relationship is noted above, please complete the following:

Yes  No Is the County employee(s) noted above involved in the contracting/selection process for this particular agenda item?

Yes  No Is the County employee(s) noted above involved in any way with the business in performance of the contract?

Notes/Comments:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name  
Authorized Department Representative