



**COOPERATIVE PURCHASING PROGRAM**  
 Houston-Galveston Area Council of Governments  
 3555 Timmons, Suite 120, Houston, TX 77027  
 Phone: 800-926-0234 Fax: 713-993-4548  
[www.hgacbuy.org](http://www.hgacbuy.org)

INVITATION TO SUBMIT COMPETITIVE:	<input checked="" type="checkbox"/> <b>BIDS</b>	<input type="checkbox"/> <b>PROPOSALS</b>
INVITATION No.: <b>SC01-21</b>	ISSUE DATE: <b>June 4, 2020</b>	
CATEGORY: <b>SEWER CLEANING, HYDRO-EXCAVATING, INSPECTION EQUIPMENT AND MISCELLANEOUS SERVICES</b>		

**PURPOSE OF THIS INVITATION**

The Cooperative Purchasing Program (HGACBuy) of the Houston-Galveston Area Council of Governments is soliciting offerings for the furnishing of products/services as described herein. These products/services may be purchased by any of more than 7,000 member local governments, districts, agencies in 49 states across the nation.

**Note: Responses will be accepted by online electronic submissions. Responses are scheduled to be “Opened by HGAC” on the date and time indicated.**

Go to <https://www.hgacbuy.org/bid-notice> and click on the corresponding link.

**PROCUREMENT SCHEDULE & DETAILS**

<b>DRAFT SPECIFICATION / INVITATION:</b>	April 9, 2020
<b>PRE-BID/PROPOSAL CONFERENCE:</b>	May 06, 2020 @ 9:00 a.m. CT; H-GAC Clock
<b>FINAL SPECIFICATION / INVITATION:</b>	June 4, 2020
<b>BID/PROPOSAL RESPONSES DUE:</b>	July 07, 2020 @ 1:00 p.m. CT; H-GAC Clock
<b>PUBLIC RESPONSE OPENING:</b>	July 07, 2020 @ 2:00 p.m. CT; H-GAC Clock
<b>RECOMMENDATIONS TO BOARD:</b>	October 20, 2020
<b>CONTRACT START DATE &amp; TERM:</b>	January 1, 2021 through December 31, 2023
The documents comprising this Invitation are available via web download at: <a href="https://www.hgacbuy.org/bids/">https://www.hgacbuy.org/bids/</a>	
For assistance regarding this Invitation, please contact:	
Name: <b>Jasmine Wilson</b>	Phone: <b>713-993-4554</b> E-mail: <b>Jasmine.Wilson@h-gac.com</b>

**CONTENTS OF THIS INVITATION**

- SECTION A** - General Terms & Conditions
- SECTION B** - Product/Service Specific Requirements & Specifications (Final)
- SECTION C** - **HGACBuy** FORMS (Final)
- SECTION D** - Pro-Forma (Sample) Contract

**This procurement conforms to government requirements for Competitive Procurement.**

## **LABELING OF SEALED RESPONSE PACKAGE**

### **IMPORTANT:**

Responses will be accepted by online electronic submission only. There will be (2) links provided in the solicitation documents detailing the following:

- How to submit your bid electronically
- Instruction on uploading your bid

These links can be downloaded from HGACBuy website: [\*\*https://hgacbuy.org/bid-notice\*\*](https://hgacbuy.org/bid-notice)



**SECTION A**  
**GENERAL TERMS & CONDITIONS**  
**FOR BIDS AND PROPOSALS**

**INVITATION No. SC01-21**

**DESCRIPTION: Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services**

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## 1. INTRODUCTION

The Houston-Galveston Area Council (**H-GAC**) is a "Government-to-Government" procurement service for States, State Agencies, Local Governments, Districts, Authorities, and qualifying Not-for-Profit Corporations (**End Users**). End Users become **Members** of the **H-GAC** Cooperative Purchasing Program (**HGACBuy**) by executing an Interlocal Contract, which is free of cost and evergreen unless cancelled. **HGACBuy**, acting on behalf of **Members**, is soliciting competitive offerings for the furnishing of products and/or services, as described elsewhere, which MAY be purchased by **Members** during the contract term. **Members** using the Program issue purchase orders directly to **HGACBuy** contractors.

## 2. DEFINITIONS, ABBREVIATIONS & ACRONYMS

The following definitions, abbreviations and acronyms may be found in these specifications, and shall be interpreted herein as specified below.

### Definitions and Abbreviations:

**Acceptance.** Acceptance takes place when the **End User** agrees with the **Contractor** that the terms and conditions of the contract have been met and verified. Acceptance is not the same as Receipt, and can only occur after intact shipping, inspection by **End User**, and any onsite testing that has been stipulated as part of the order

**Aggregate/Single Occurrence.** The term "*aggregate*" in insurance terms is the sum of all claims against a specific policy for a specific loss incident. The term "*single occurrence*" differentiates between multiple claims and single claims against a specific policy. The inherent value of a policy's aggregate value is less important to an **End User** than is the value of a single claim as stated under "*single occurrence*."

**Approved.** Acceptable to the "authority having jurisdiction."

**ARO.** "After Receipt of Order". Used in conjunction with a defined time period (usually days or weeks) to establish the delivery or lead time pursuant to any individual purchase transaction. In the case of orders for bodies which will be mounted on a customer furnished cab/chassis, the term ARO shall be construed to mean "After Receipt Of Cab/Chassis".

**Authority Having Jurisdiction.** The authority shall be either **H-GAC** or the relevant **End User** based on the requirements as stated in each specification item. Unless specifically stated, the authority shall be **H-GAC**.

**Bidder.** Any entity that submits a competitive bid to this Invitation. (See also "**Offeror**")

**Change Order.** Request by an **End User** for a change in the composition of an already submitted purchase order, for example to change quantity ordered, add or delete items, etc.

**Contract.** Specifically, a contract between **H-GAC** and a successful **Offeror** which is executed based on an award made pursuant this Invitation.

**Contract Pricing Worksheet.** The standard **H-GAC** form to be used by **Contractor** in preparing a quotation to an End User, upon which End User's purchase order will be based. **Contractor** may use another quotation form provided it contains required information, and only if approved by **H-GAC**.

**Contractor.** The contracted business entity responsible for fulfilling a contract executed pursuant to this Invitation.

**Dealer/Distributor.** A duly authorized and/or franchised business entity which sells and services a manufacturer's product in a specified marketing area.

**Defect.** A discontinuity in a part or a failure to function that interferes with the service or reliability for which the part was intended.

**Electronic Media.** As used herein, means computer based media such as 100mb Zip Disk, CDROM, e-mail, e-mail attachment, file downloaded from the web, etc.

**End User.** (See "**Participant**" and "**Member**")

**Listed.** Equipment or materials included in a list published by an organization, acceptable to the "Authority Having Jurisdiction" and concerned with product evaluation, that conducts periodic inspection of production of listed equipment or materials and whose listing states either that the equipment or materials meet appropriate standards or has been tested and found suitable for use in a specified manner. NOTE: The means for identifying listed equipment may vary for each organization concerned with product evaluation, some of which do not recognize equipment as listed unless it is also labeled. The "authority having jurisdiction" should utilize the system employed by the listing organization to identify a listed product.

**Manufacturer.** The person or persons, company firm, corporation, partnership, or other organization responsible for taking raw materials or components and making a finished product.

**May.** A term indicating a permissive use or an acceptable alternative to a specified requirement.

**Member.** An authorized Participant in the Program. (See "**Participant**" and "**End User**")

**Motor Vehicle.** The meaning of this term shall be based on the legal definition ascribed to it by the laws and/or regulations of the state in which any specific sale made pursuant to a Contract takes place.

**Must.** A term indicating a mandatory requirement.

**Offer or Offering.** Any product or service offered in reply to this Invitation.

**Offeror.** Any entity that submits a competitive bid or proposal in response to this Invitation. Bidder or Proposer.

**Participant.** Generally, any qualifying governmental or non-profit entity which has executed an Interlocal Contract for cooperative purchasing services with **H-GAC**.

**Product Liability Insurance.** Failure of Components and/or assembled equipment resulting in personal injury, disability or death and/or property damage is covered under the product liability insurance provisions.

**Product or Product Item.** Any of the specific goods, materials, equipment or service(s) specified in this Invitation. This term encompasses the base line item itself, and any and all accessories, options, modifications, ancillary services, assembly, testing, etc. that may be included in the delivered Product.

**Proposer.** Any entity that submits a competitive proposal in response to this Invitation. (See also "**Offeror**")

**Purchaser.** The **End User** having responsibility for the specification, requisition, ordering and acceptance of the Product or Service. (See also "**End User**")

**Purchasing Authority.** The agency that has sole responsibility and authority for negotiating, placing and, if necessary, modifying any solicitation, purchase order, or other award issued by a governing body [**H-GAC**].

**Quotation.** See "Contract Pricing Worksheet".

**Receipt.** Receipt takes place when a Product or Service is delivered to an **End User** and a document is executed that establishes that the Product is now in the possession of the **End User** or that the Service has been completed. Receipt DOES NOT connote or imply Acceptance.

**Response.** All or part of any offering submitted in response to this Invitation.

**Shall.** A term indicating a mandatory requirement or action.

**Should.** A term indicating a recommended or advised response to a specified requirement.

**Vendor.** A manufacturer's representative or dealer authorized to make sales and supply parts and service.

#### **Acronyms:**

ANSI = American National Standards Institute

ASTM = American Society for Testing and Materials

ASME = American Society of Mechanical Engineers  
CFR = U.S. Code of Federal Regulations  
DOJ = U.S. Deartment Of Justice  
DOT = U.S. Deartment Of Transportation  
EPA = U.S. Environmental Protection Agency  
FAA = Federal Aviation Administration  
FMVSS = U.S. Federal Motor Vehicle Safety Standards  
H-GAC = Houston-Galveston Area Council of Governments  
IEEE = Institute of Electrical and Electronics Engineers  
MVD = Motor Vehicle Division of Texas Department of Transportation  
NFPA = National Fire Protection Association  
NHTSA = National Highway Traffic Safety Admistration  
NIOSH = National Institute For Occupational Safety And Health  
NIST = National Institute of Standards and Technology  
NTEA = National Truck Equipment Association  
OSHA = U.S. Occupational Safety and Health Admistration  
RRC = Railroad Commission of Texas  
SAE = Society of Automotive Engineers  
TBPC = Texas Building and Procurement Commission (formerly GSC)  
TxDOT = Texas Deartment Of Transportation  
UL = Underwriter's Laboratories Inc.  
VTCS = Vernon's Texas Civil Statutes

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### 3. NON-BINDING ORAL COMMENTS

No oral comment, utterance or response made by any employee, member, or agent of **H-GAC** or any Member of the Cooperative Purchasing Program shall be considered factual or binding with regard to this Invitation, or any contract awarded as a result of this Invitation. Valid and binding terms, conditions, provisions, changes or clarifications, or requests thereof, shall **ONLY** be communicated written form.

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### 4. STRUCTURE OF RESPONSE

Depending on the Product or Service, market structures and sales practices can differ substantially. For example, dealers may sell into any market or may be restricted to certain territories, manufacturers may sell direct or may be limited by law to selling thru independent dealerships, etc. **H-GAC's** objective is to ensure that **End Users**, no matter where located, can buy contracted products/services and receive quality and timely service and support, while at the same time allowing for the most appropriate and effective response to this Invitation. Therefore, responses to this Invitation will be accepted in conformance with the following scenarios and requirements:

#### **A. Single Respondent Acting Alone Or As "Lead" For A Group:**

**Offeror** shall complete and sign a **Form A** and, if contracted, shall be solely responsible for all contractual requirements including administration, processing of purchase orders and handling of payments for transactions which may involve other dealers who actually deliver the products or services.

#### **B. Multiple Respondents Acting Jointly:**

A single Response shall be submitted, and each party to the Response shall complete and sign a separate **Form A** to be included in the single Response. If the Response is successful each party shall sign a separate contract with **H-GAC** and shall be responsible for compliance with all terms and conditions. Only those which have executed a written contract with **H-GAC** may process purchase orders and payments.

**In any event, Offeror may be a party to one, and only one, response.**

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### 5. BASIC REQUIREMENTS & CONDITIONS

- a. The final requirements and specifications contained herein may be different, perhaps materially, from those in the "Invitation To Attend Pre-Bid / Pre-Proposal Conference", if any. It is **Offeror's** sole responsibility to

thoroughly examine and review all documentation associated with this Invitation, including any Addendums, and to insure that any response submitted complies in every respect with all requirements.

- b. Any Addendum to this Invitation which may be required prior to the Response due date will be delivered to those prospective Offerors of record who have previously obtained a copy of this Invitation from **H-GAC**. Prospective Offerors shall be responsible for obtaining all documents relating to submission of a Response.
- c. **Offeror** shall thoroughly examine any drawings, specifications, schedules, instructions and any other documents, supplied as a part of this Invitation, and is solely responsible for understanding and compliance.
- d. **H-GAC** shall not be liable for **Offeror's** incomplete documentation, or for any costs associated with preparation and submission of any Response hereto. Additionally, all components of any Response become the property of **H-GAC**, **and shall be considered to be in the public domain**.
- e. **Offeror** shall make all investigations necessary to become thoroughly informed regarding any plan and/or infrastructure that may be required to support delivery of any Product or Service covered by this Invitation. No plea of ignorance by **Offeror** stemming from failure to investigate conditions that may now or hereafter exist, shall be accepted as a basis for varying **H-GAC's** requirements, or **Offeror's/Contractor's** obligations or entitlements.
- f. Requests for changes to the requirements or specifications herein must be in writing (e-mail, fax, letter) and must be received by **H-GAC** no later than fifteen (15) calendar days prior to the Response Due Date. **H-GAC** will review such requests, but may or may not make changes at its sole discretion. Changes, if any, will only be made by written Addendum sent to addressees of record. In any event, it is **Offeror's** sole responsibility to insure that any and all Addendums which may have been issued have been received and addressed.
- g. By submission of a response, **Offeror** expressly understands and agrees that all terms and conditions herein will be part of any subsequent contract that is executed pursuant to this Invitation.
- h. **Offeror** is advised that all **H-GAC** contracts are subject to the legal requirements established in any applicable Local, State or Federal statute.
- i. **Offeror/Contractor** must be in compliance with all licensing, permitting, registration and other applicable legal or regulatory requirements imposed by any governmental authority having jurisdiction. It is **Offeror/Contractor's** responsibility to insure that this requirement is met, and to supply to **H-GAC** upon request, copies of any license, permit or other documentation bearing on such compliance.
- j. Unless otherwise established elsewhere in this Invitation, NO minimum purchase quantities or spending levels are provided or guaranteed by **H-GAC** or any **End User**.
- k. This Invitation is not meant to restrict competition, but rather is intended to allow for a wide range of responses.
- l. Responses which are 'qualified' with conditional clauses or alterations of or exceptions to any of the terms and conditions in this Invitation may be deemed non-compliant at **H-GAC's** sole discretion.
- m. The term '**Offeror**', or derivative thereof, shall become synonymous with '**Contractor**' for any successful **Offeror** recommended for a contract pursuant to this Invitation.
- n. **H-GAC** reserves the right to:
  - Reject any and all offers received in response to this Invitation.
  - Reject any part of an offer received in response to this Invitation.
  - Determine the correct price and/or terminology in the event of any discrepancies in any response.
  - Accept a response from, and enter into agreement with, other than the lowest price **Offeror**.
  - Accept responses and award contracts to as many or as few **Offerors** as **H-GAC** may select.
  - Amend, waive, modify, or withdraw (in part or in whole) this Invitation, or any requirements herein.
  - Hold discussions with **Offerors**, although award may be made without discussion.
  - Request an **Offeror** to give a presentation of the Response at a time and place scheduled by **H-GAC**.
  - Exercise any of these rights at any time without liability to any **Offeror**.
- o. **H-GAC** reserves the right to determine that conditions exist which prevent the public opening of responses on the date and at the time advertised, and to reschedule the public opening for a future date and time. Responses received by **H-GAC** by the original deadline will be secured unopened until the rescheduled opening date and time, and those having timely submitted such responses will be notified.

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## 6. OFFEROR'S AUTHORIZED SIGNATORY

The signatory shall be authorized to sign and contractually bind **Offeror**, and shall sign any and all Response documentation requiring a signature.

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## 7. SURETY FOR INSURANCE

**Contractor** shall be responsible for using a surety company properly licensed by any and all states in which Contractor will do business with Participants. The surety company shall not expose itself to any loss on any one risk in an amount exceeding ten percent (10%) of its surplus to policy holders, provided any risk or portion of any risk shall have been reinsured, and such reinsurance shall be deducted in determining the limitation of risk applicable to **H-GAC's** insurance requirements.

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## 8. CONFIDENTIAL / PROPRIETARY MATERIALS

All documentation submitted as part of **Offeror's** response to this Invitation will be considered to be in the public domain and may be made available to Members and others, after contract award, upon properly submitted request. If **Offeror** submits documents marked "confidential" or "proprietary", the Response may be deemed non-compliant.

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## 9. REFERENCES

- a. **Offeror** shall list the names of at least five government agencies within the continental United States which have purchased from **Offeror** products or services similar to those covered by this Invitation, within the last two years. **H-GAC** reserves the right to determine if such products or services are appropriately similar.
- b. **Offeror** may provide reference information in whatever format desired, but each should include the following specific information:
  - Agency name
  - Contact person name
  - Address
  - Phone & Fax numbers
  - Description of product(s) or service(s) and date sold
- c. Other information, including criticism however learned, may be used by **H-GAC** in evaluation of responses.

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## 10. INSURANCE

- a. Unless otherwise stipulated in Section B, **Offeror/Contractor** must have the following insurance and coverage minimums:

**General liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit.

**Product liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit for all Products except Automotive Fire Apparatus. For Automotive Fire Apparatus, see Section B – Product Specific of this Invitation.

**Property Damage or Destruction** insurance is required for coverage of **End User** owned equipment while in **Contractor's** possession, custody or control. The minimum Single Occurrence limit is \$500,000.00 and the General Aggregate limit must be at least two times the Single Occurrence limit. This insurance may be carried in several ways, e.g. under an Inland Marine policy, as part of Automobile coverage, or under a Garage Keepers policy. In any event, this coverage must be specifically and clearly listed on insurance certificate(s) submitted to **H-GAC**.
- b. Insurance coverage shall be in effect for the length of any contract made pursuant to this Invitation, and for any extensions thereof, plus the number of days/months required to *deliver* any outstanding order after the close of the contract period.
- c. Original Insurance Certificates must be furnished to **H-GAC** on request, showing **Offeror/Contractor** as the insured and showing coverage and limits for the insurances listed above.
- d. If any Product(s) or Service(s) will be provided by parties other than **Offeror/Contractor**, all such parties are required to carry the minimum insurance coverages specified herein, and if requested by **H-GAC**, a separate insurance certificate must be submitted for each such party.



- e. **H-GAC** reserves the right to contact insurance underwriters to confirm policy and certificate issuance and document accuracy.

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## **11. OFFEROR CERTIFICATIONS**

**Offeror, by submission of a Response hereto, makes the following certifications under penalty of perjury and possible contract termination if any of these certifications are found to be false.**

### **Non-Collusive Response**

- a. The prices in the Response have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition, as to any matter relating to such prices with any other **Offeror** or potential competitor.
- b. The prices which have been quoted in the Response (unless otherwise required by law), have not been knowingly disclosed by **Offeror** and will not be knowingly disclosed by **Offeror** prior to the public response opening, either directly or indirectly, to any other **Offeror** or competitor.
- c. No attempt has been made or will be made by **Offeror** to induce any other person, partnership or corporation to submit or not to submit a response for the purpose of restricting competition.

### **Non-Biased Specifications**

This Invitation contains no requirements considered to be unduly biased in favor of **Offeror** or any other **Offerors** that may be competing for this procurement.

### **No Financial Interest or Other Conflict**

- a. No **H-GAC** officer, employee, Board of Directors member or member of any **H-GAC** board or commission, nor family member of any such person, has a financial interest, direct or indirect, in **Offeror** or in any contract **Offeror** might enter into with **H-GAC**.
- b. No economic or employment opportunity, gift, loan, gratuity, special discount, trip, favor or service has been, or will be, offered or given to any officer, employee, Board of Directors member, or member of any **H-GAC** board or commission, nor to any family member of any such person.

### **Debarment and Suspension Status**

- a. **Offeror** is not currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any government agency, nor is **Offeror** an agent of any person or entity that is currently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transaction by any government agency.
- b. **Offeror** has not within a three year period preceding this Invitation been convicted of or had a civil suit judgement rendered against **Offeror** for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain or performing a public transaction or contract under a public transaction; violation of federal or state antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statement, or receiving stolen property.
- c. **Offeror** is not presently indicted for or otherwise criminally or civilly charged by a government entity (federal, state, or local) with commission of any of the offenses enumerated above.
- d. Offeror has not, within a three year period preceding this Invitation, had any government (federal, state, or local) transactions terminated for cause or default.

### **Insurance Coverages**

**Offeror** has and will maintain insurance coverage in accordance with the requirements of this Invitation.

### **Licensing & Permits**

**Offeror(s)** has (have) all licenses and/or permits, required by any and all governmental entities having jurisdiction, to legally sell the products/services offered.

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## **12. HISTORICALLY UNDERUTILIZED BUSINESS (HUB) PARTICIPATION**

- a. To satisfy Texas' statutory requirements [Government Code, Chapter 2161, Subchapter D], **H-GAC** requires all **Offerors** to supply information in any bid/proposal response listing (1) the total number of subcontracts and (2) the total number of HUB contracts applicable to the Products or Services offered in the response. Local

governments often require this information for their own reporting requirements prior to placing orders through the **H-GAC** Cooperative Purchasing Program.

- b. **Offeror** must complete **Form B** and include subcontracts with HUB's that provide any materials or services related to sales that may be made thru **H-GAC's** Cooperative Purchasing Program.

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### 13. NON-RESIDENT RECIPROCAL SALES ACT

As required by Texas Civil Statutes in the award of contracts, an offeror which is not a Texas resident business must determine if its state of residence prohibits award of government contracts to Texas resident offerors without penalty. If **Offeror's** resident state DOES penalize Texas offerors, **Offeror** must provide this information along with a copy of its applicable resident state's statute in the Response.

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### 14. TEXAS MOTOR VEHICLE COMMISSION CODE & LICENSING

Sales of motor vehicles in the State of Texas are subject to the Texas Motor Vehicle Commission Code. If this Invitation includes any motor vehicle to be sold in the State of Texas, **Offeror** certifies by submission of a response hereto that all required Texas Motor Vehicle Commission licenses are in place and current, and that copies of all such licenses **have been submitted with the Response**. Further, it shall be **Contractor's** responsibility to keep current all required Texas Motor Vehicle Commission licensing during the term of the contract, and to furnish license copies at any time on request by **H-GAC**. If **Contractor** does not maintain current licensing, **H-GAC** reserves the right to immediately terminate the contract.

**NOTE:** In accordance with the Texas Motor Vehicle Commission Code, contracts for motor vehicles to be sold within the state of Texas may be made **ONLY** with properly licensed Texas Motor Vehicle Dealers. Therefore, to be considered for a contract covering Texas End Users, the Response must include a **Form A** from a licensed Texas Motor Vehicle Dealer

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### 15. INTENT AND SCOPE OF SPECIFICATIONS

- a. The intent of the specifications herein is to provide **Offeror** with sufficient information concerning the Products/Services to be contracted such that **Offeror** can prepare and submit an acceptable Response.
- b. The specifications may be detailed or general in nature with regard to any particular Product/Service. Where not otherwise specified, details of construction, materials, or the way in which services will be provided, are left to the discretion of the **Offeror**, provided only that any offering shall conform, as a minimum, to best Industry standards and practices and to what is currently being sold in the marketplace.
- c. Responses shall be considered only from **Offerors** that have established good reputations in their markets, and who furnish satisfactory evidence of ability to supply the Products/Services specified herein.
- d. **Offeror** shall show proof of ability to provide to **End Users** prompt and competent service, including parts if applicable, for all Products/Services covered by this Invitation, by proper completion of a Service Organization Document as described elsewhere herein.

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### 16. REQUIREMENTS APPLICABLE TO PHYSICAL GOODS

In the case of physical goods (e.g. equipment, material, supplies, as opposed to services), all Products offered must, unless otherwise stipulated in Section B:

- a. Be new, unused, and not refurbished.
- b. Not be a prototype insofar as the general design, operation and performance. This requirement is NOT meant to preclude **Offeror** from offering new models or configurations which incorporate improvements in a current design or add functionality, but which in such new model or configuration may be new to the marketplace.
- c. Include any and all accessories which may or may not be specifically mentioned herein, but which are normally furnished or which are necessary to make a delivered Product ready for its intended use. Such accessories shall be assembled, installed and adjusted such that the Product is ready for continuous operation at time of delivery.
- d. Have assemblies, sub-assemblies and component parts that are standard and interchangeable throughout the entire quantity of a particular Product as may be purchased simultaneously by any individual **End User**.
- a. Be designed and constructed using current industry accepted engineering and safety practices, and materials.

- b. Be available for inspection at any time prior to or after procurement.

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## 17. PRODUCT CODES

Unless otherwise addressed in Section B of this Invitation, the following requirements shall apply:

- a. Each Product/Service offered shall be uniquely identified using an **H-GAC** Product Code, which shall be determined as described in Section B of this Invitation. **Offeror** shall offer ONLY ONE Product for any particular Product Code. For example, **Offeror** may wish to submit a bid for Product Code ABC and may have another offering that also meets the requirements for ABC. **Offeror** MAY NOT submit two offerings for ABC. The alternate offering that also meets the requirements for ABC must be offered as an option "upgrade/downgrade" to ABC on **Form E**.
- b. Pricing for optional upgrades or downgrades to base bid items should be quoted as an "adder" or "deduct" amount as appropriate, to be applied to the offered price of the base Product Item listed on **Form D**.
- c. Base bid items and their associated HGACBuy Product Codes are included in the Section B and/or on **Form D**.
- d. Selection of Product Codes for which to submit an offer is at **Offeror**'s sole discretion.

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## 18. SPECIFIC DESCRIPTIVE REFERENCES

Except for Base Product Items listed on **Form D**, any reference to a specific catalog, data sheet, form, brochure, model name or number, etc. used herein to describe an item such as an option or accessory is only descriptive and is not to be considered restrictive unless otherwise noted. Such references are normally used only to indicate a type, general description, level of quality and/or required performance standards.

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## 19. MANUALS

Unless otherwise specified or superceded herein, each Product delivered under an **H-GAC** contract, and if applicable any options thereto, shall be supplied with at least one (1) copy of a safety and operating manual. The cost of any such manuals must be included in the base price for any Product Item offered hereunder. If more detailed and technically orientated parts and maintenance manuals are available for a Product or option, at a cost, they shall be offered as options on the *FORM* designated herein for such options, or elsewhere in the Response as may be directed herein.

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## 20. STANDARD FEATURES & OPTIONS

The following requirements are applicable primarily to physical goods.

### Standard Features

- a. The stated minimum requirements for all Products listed herein include what **H-GAC** considers to be "standard" features. Even though such features might normally be offered as options rather than as standard, they are nonetheless considered to be standard in this Invitation, and must be included in the base price for any Product offered. Such features **SHOULD NOT** be offered as options except as deducts for their omission from the base Product.
- b. If it is unclear in the Response that an **H-GAC** standard feature is included in the base price, it will be assumed that such is the case. If awarded a contract **Offeror** will be expected to sell the Product with all **H-GAC** specified standard features included in the base price.
- c. Any feature or accessory normally offered by manufacturer as "standard" shall be considered a standard feature and shall be included in the base price of any offering, even though not specifically listed as a requirement in **H-GAC**'s specifications. Such features **SHOULD NOT** be offered as options except as deducts for their omission from the base Product.

### Options - General

- a. Options are considered to be any features or accessories, other than **H-GAC**'s and Manufacturer's "standard" features or accessories.
- b. Options should be offered on the *FORMS* designated for quoting options. Each option should be listed and described on a separate line, and should include any Manufacturer's/Dealer's code number. If no Manufacturer's/Dealer's code number exists, **Offeror** should create one.

- c. Prices for all offered options shall be assumed to include any installation or mounting required to make it a fully functional component of the Product, unless otherwise stated in **Offeror's** response.

#### **Required Options**

- a. Product specifications in this Invitation may include **H-GAC** "Required Options". If so, **Offeror** must quote a price for ALL such options, and, if there is an **H-GAC** Option Code provided in this Invitation for such options, it MUST be used as part of the description.
- b. For any specific "Required Option", **Offeror** may quote an equivalent so long as its design and performance are as good as, or better than, the specified option item. Responses which do not include pricing for Required Options may be considered non-compliant.

#### **Other Options**

- a. "Suggested" or "Other" options may be listed for any particular Product in this Invitation, and **Offeror** is encouraged to quote pricing for such options. The extent of offered options in any response may be taken into consideration as part of the award criteria, at **H-GAC's** sole discretion.
- b. **Offeror** is encouraged to include options for non-equipment items that may be applicable to a sale, such as: Extended Warranties, Maintenance Agreements, Buy-back or Trade-In Agreements, Out-of-state Delivery Charges, Quantity or Special Discounts, Extended Training Classes, etc.

#### **Published & Unpublished Options**

- a. H-GAC Cooperative Purchasing Program (Program) contracts are awarded through a public competitive bid or proposal (RFP) process. Further to that process, Program policy considers an 'option' listed and priced in a bid or RFP Response: (1) To be a "**Published Option**"; (2) To be part of any awarded contract; and (3) To be available for purchase by Program members separately and independently from associated base line items. However, since Published Options may have not been subjected to the same scrutiny as the associated base line items, it cannot be concluded they were directly competed. Therefore, pursuant to Local Government Code 252.021(a), purchase of a published option costing more than \$50,000 shall not be allowed. Furthermore, **H-GAC** reserves the right at its sole discretion to disallow purchase of any Published Option through the Program if deemed contrary to the intent of the law.
- b. Any option that has not been listed and priced in the Response is considered to be an "**Unpublished Option**". Unpublished Options may be sold, but only in connection with the sale of a base Product Item, and only insofar as the total cost of all Unpublished Options remains below twenty five percent (25%) of the total summed cost of the base Product(s) plus any Published Options.
- c. No Published or Unpublished Option may be sold which essentially converts a Product such that it competes with a Product Item awarded to another contractor.

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## **21. WARRANTIES, SALES & SERVICE**

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Offeror must be a properly franchised dealer authorized to sell and service, including warranty service, all products offered and sold in response to the bid invitation or under any **H-GAC** contract.
- b. **Offeror** shall provide detailed Parts and Labor Warranty information with the Response. If **Offeror** submits a warranty with the Response which does not meet the minimum requirements herein, **Offeror** agrees by submission of a Response that such warranty shall be considered to be amended to meet those minimums.
- c. Warranties shall be manufacturer's standard and shall be inclusive of any other warranty requirements which may be stipulated elsewhere herein.
- d. Any warranties offered by a dealer shall be in addition to the manufacturer's standard warranty, and shall not be a substitute for such. **Offeror's** base price for any Product shall be inclusive of the standard warranty.
- e. Complete warranty information will be supplied to **End User** with each Product sold.
- a. Warranties need not apply to normal maintenance service or adjustments, or to any product reasonably shown to have been repaired or altered in any way so as to affect its stability, or to any product which has been subject to misuse, negligence, or accident.
- f. **Offeror/Contractor** is encouraged to offer extended warranties as an option.
- g. Neither **H-GAC** nor **End User** assume any warranty or liability on **Contractor's** behalf unless made or assumed in writing, initiated by **Contractor**, and agreed to in writing by **H-GAC** or the **End User** respectively.
- h. **Contractor** shall be responsible for the execution and effectiveness of all product warranty, and shall be the sole source for solution to problems arising from warranty claims. **Contractor** agrees to respond directly to correct warranty claims and to ensure reconciliation of warranty claims that have been assigned to a third party.

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## 22. H-GAC ORDER PROCESSING CHARGE

**H-GAC** will levy an Order Processing Charge on **Contractor** for each sale done thru the **H-GAC** contract, with the exception of orders for motor vehicles. Any bid pricing submitted will be considered to include the Charge. The amount of the applicable charge shall be per the most current **H-GAC** schedule. For motor vehicle orders, the Processing Charge shall be levied on and paid by the **End User**.

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## 23. PRE-PAYMENTS AND DISCOUNTS

- a. Progress, pre-payment and special discounts of any kind may be offered and detailed in the Response. Such discounts shall be clearly explained, but shall not be a determining factor in awarding contracts except in the case of tie offerings.
  - b. Quantity discounts applicable to similar Products sold to one or more **End User** Departments may be offered. Determination as to product similarity shall rest solely with **Contractor**.
  - c. For specific purchases, any proposed quantity, pre-payment or special discounts shall be clearly shown on the Contract Pricing Worksheet.
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## 24. INSPECTION / TESTING

All Products sold pursuant to this Invitation shall be subject to inspection/testing by or at the direction of **H-GAC** and/or the ordering **End User**, either at the delivery destination or the place of manufacture. In the event a Product fails to meet or exceed all requirements of this Invitation, and unless otherwise agreed in advance, the cost of any inspection and/or testing, shall be borne by the **Contractor**.

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## 25. PRODUCT DELIVERY

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Title to goods, and responsibility and liability for loss and/or damage in shipping pass to **End User** at the delivery destination after receipt and acceptance have taken place. Cost of shipping/delivery shall be paid by **End User** unless otherwise agreed to by **Contractor**. If **Contractor** will be paying for shipping/delivery, shipping terms must be "F.O.B. Destination, Freight Prepaid". If **End User** will be paying for shipping/delivery, shipping terms must be "F.O.B. Destination – Freight Collect".
  - b. The details for the application and calculation of shipping and delivery charges must be stated in the Response on **Form E**. Any freight, shipping or delivery charged to **End User** will be prepaid and added to the invoice, and will be clearly shown on any Contract Pricing Worksheet or other quote presented to the **End User**.
  - c. The estimated delivery time after receipt of order (ARO), inclusive of Saturdays, Sundays and holidays, for all Products offered must be stated in the Response. Actual delivery for any particular order must be confirmed with **End User** at time of order placement, and must be stated clearly on the Contract Pricing Worksheet.
  - d. **Contractor** shall be responsible for delivery and Acceptance according to the requirements of the Contract and the Purchase Order.
  - e. Contractor shall advise **End User** prior to making any shipment/delivery, and shall make such shipment/delivery in accordance with **End User's** requirements, providing only that such arrangements do not contravene any requirement of the **H-GAC** contract unless agreed to by **Contractor**.
  - f. The execution of all required tests, certifications and/or licensing, and costs thereof, shall be the responsibility of **Contractor**. Upon request by **End User** or **H-GAC**, **Contractor** shall provide any documentation or certification related to such tests, certifications or licensing.
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## 26. OFFERED PRODUCT ITEM VARIANCES

Any variance in the specifications or performance of Products offered pursuant to this Invitation shall be acceptable to **H-GAC** only insofar as it MEETS or EXCEEDS the specifications and requirements of this Invitation.

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## 27. REQUIREMENTS FOR SUBMISSION OF A RESPONSE

Unless otherwise addressed in Section B, the following requirements shall apply:

- a. Responses shall be submitted in two complete printed sets including an Original and one (1) Copy in separate "hard side" three-ring binders. The outer spine of each binder shall be labeled showing this Invitation No., **Offeror** Name, and either "Original" or "Copy", as applicable. The Original printed response will be
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considered to be the binding Response in case of any conflicts between printed copies and electronic copies. Except for required forms, **H-GAC** Invitation documents should not be included in the Response.

- b. The Original and the Copy shall be submitted complete, except that the Electronic Media should be submitted only with the Copy.
- c. All required **H-GAC FORMS** and documents shall be properly completed, without exception or **Offeror's** Response may be deemed non-compliant. **Offeror** may not modify the format of any **H-GAC FORM** in any way. **Offeror** may photocopy or print blank **FORMS** as needed. Information submitted on the printed copies of the **FORMS** may not be handwritten except for signatures and initials. It is **Offeror's** responsibility to insure that printed **FORMS** are clear and legible. Handwritten and illegible entries may be rejected. **Offeror's** printed, stamped or typed name shall appear on every **FORM** submitted in the Response.
- d. **The entire response submission** shall also be submitted on electronic media, including all required **H-GAC FORMS**. **Offeror** is strongly advised to make and work with copies of the original electronic **FORMS**. The originals can then be used to make additional electronic or printed copies of the blank **FORMS**. Signatures are not required on the electronic **FORMS**.
- e. The Response shall include ample written evidence, in the form of technical specifications, cut/tear sheets, brochures, pictures, drawings, etc., to demonstrate that all specifications herein have been met and/or exceeded.
- f. The Response shall include, in any format desired, an overview of the **Service Organization** which will support Products sold under any **H-GAC** contract. The overview must include facility locations, phone numbers and Service Manager names, as well as the following:
  - The procedure to be used by an **End User** requiring repairs.
  - Typical turn-around time on repairs.
  - Service Department days and hours of operation.
  - Number of qualified / factory trained service personnel normally on hand.
  - Description of the parts inventory on hand.
  - Training services, facilities and personnel available.
- g. Responses shall be enclosed in a sealed package(s) addressed to the Houston-Galveston Area Council, Cooperative Purchasing. The following information shall be stated on the exterior of the package(s):
  - Name and address of **Offeror**.
  - Date and hour of public response opening.
  - Bid/Proposal Invitation number.
  - The statement: "**SEALED BID/PROPOSAL, DO NOT OPEN IN MAIL ROOM**".**H-GAC** shall not be responsible for any Response not properly labeled.
- h. Submission of a COMPLETE Response by telegraphic or electronic transmission is not acceptable. However, Responses may be modified by telegraphic or electronic notice if such notice is received prior to the deadline for submission.
- i. Samples, when required, shall be submitted within the time specified and at no expense to **H-GAC**. If not destroyed or consumed during testing, samples will be returned upon request at **Offeror's** expense.
- j. **Offeror** shall provide firm contract pricing for all Products and Options being offered.
- k. If applicable, responses shall include copies of all current licensing which may be required by the Texas Motor Vehicle Division for execution of sales pursuant to any contract with **H-GAC**.
- l. Due to the complexity of responses and to aid in evaluation, the Response should contain **ALL** required information in tabbed sections as detailed below. Omission of any required **FORM** or information will be sufficient grounds for **H-GAC** to consider your response to be non-compliant.
- m. **First Section:**
  - **Form(s) A – Offeror Identification & Signatory:** Identifies the offering party(ies), and should be completed by each party to the Response. If awarded, a contract will be executed with each.
  - **Form B – Historically Underutilized Business Enterprises:** Used to collect information about disadvantaged and minority suppliers and subcontractors, and to commit **Offeror** to working with Participants toward their program goals.
  - **Form C – Response Checklist:** Certification, and also an aid, to insure that all required information has been included in your Response.

- **Form W-9 – Request for Taxpayer Identification Number and Certification:** Should be completed by each party to the response.
- **Form CIQ – Conflict Of Interest Questionnaire:** Chapter 176 of the Texas Local Government Code requires vendors and consultants contracting or seeking to contract with **H-GAC** to file a Conflict of Interest Questionnaire (CIQ) if they have an employment or other business relationship with an **H-GAC** officer or an officer's close family member. The required questionnaire is located at the Texas Ethics Commission website: [http://www.ethics.state.tx.us/whatsnew/conflict\\_forms.htm](http://www.ethics.state.tx.us/whatsnew/conflict_forms.htm). It is Bidder's responsibility to download the form and furnish a completed copy with the Response.
- **Form 1295 – Certificate of Interested Parties –** Must be filled out electronically with the Texas Ethics Commission's online filing application, printed out, signed and provided from each entity that has submitted a Form A for this submission.
- **House Bill HB 89 Verification Form –** completed and signed and provided from each entity that has submitted a Form A for this submission.
- **References,** formatted as described elsewhere herein.
- **Service Organization Document,** formatted as described elsewhere herein.

**Second Section:**

- **Form D – Offered Items Pricing:** For Bids, contains the list of the Product Items covered by this Invitation. Select the items offered and fill in the price for each. (For RFPs, follow the instructions in Section B as this **Form** may or may not be used.)
- **Form E – Published Options:** Used to list and price all offered options. List, each on a separate line, all upgrades, downgrades, optional equipment, features, accessories and services which you desire to sell thru the **H-GAC** contract, if awarded. Published catalogs/price sheets may be listed, along with the discount structure that will apply. (For RFPs, follow the instructions in Section B as this **Form** may or may not be used.)

**Third Section:**

- Technical Specifications, Product Brochures, Tear Sheets, Cut Sheets, Strippers, etc. which clearly list and show all the standard features and capabilities of each Product Item offered on Form D.
- Warranty Documentation, as described elsewhere herein, for all items offered.

**Fourth Section:**

- Copies of any applicable Texas MVD Licenses.
  - Electronic Media, containing the complete response including all required *FORMS*, stored in a pouch or an envelope such that it will not fall out of the binder. (Required in 'Copy' only, not in 'Original'.)
- n. By submittal of Response, **Offeror** certifies to the best of its knowledge that all information is true and correct.

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**28. CLARIFICATION TO SPECIFICATIONS & REQUIREMENTS**

- If **Offeror** is in doubt as to the meaning of any item in this Invitation, a written request for clarification may be submitted to **H-GAC** up to fifteen (15) calendar days prior to the deadline for response submission. **H-GAC** shall not be responsible for late delivery. Requests may be transmitted by FAX or e-mail to the assigned Specification Specialist, and should clearly reference this Invitation number and the specific page and paragraph in question. If there are multiple questions, they should be stated separately and numbered.
- Any interpretation of Invitation documents, if made, will be by written Addendum duly issued. A copy of such Addendum will be mailed or delivered to each person officially on record as having been sent a copy of this Invitation. **H-GAC** will not be responsible for any other explanation or interpretation of the Invitation documents made or given prior to the award of the contract.
- Any objections to the Invitation documents must be filed in writing with **H-GAC** on or before fifteen (15) calendar days prior to the deadline for submission of responses.
- Prospective offerors are advised that, after a draft specification has been issued, the Pre-Bid/Proposal Conference is the primary forum through which comments and suggestions may be offered for consideration by **H-GAC** prior to issuance of the final invitation and specifications.

- e. All best efforts have been made to insure that the product/service descriptions and associated specification information in Sections B & C are correct, and adequate time has been given to prospective Offerors to point out mistakes. However, if an error remains and is caught by Offeror before the scheduled bid/proposal opening, Offeror shall make note of the required correction in the Response, and shall also notify **H-GAC** prior to the opening of responses.

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## 29. INCONSISTENT INFORMATION

**H-GAC** review of responses supplied on **H-GAC FORMS** is a significant part of the evaluation process. **Offeror** shall state clearly all information required on the *FORMS*. **Offeror's** information supplied on the *FORMS* shall take precedence in the event any standard “boilerplate” type language included in **Offeror's** response is inconsistent with the information supplied by **Offeror** on the **H-GAC FORMS**. In all cases, information on **H-GAC's** printed *FORMS* supplied as part of **Offeror's** response shall take precedence over information supplied on electronic media.

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## 30. REJECTION OF RESPONSES

- a. **H-GAC** may reject a response if:
- **Offeror** misstates or conceals any material fact in the Response, or if,
  - **Offeror** does not strictly conform to law or the requirements of this Invitation.
- b. **H-GAC** may reject any and all responses, and may reject any part of a response.
- c. **H-GAC, at its sole discretion,** may also waive any formalities or irregularities in any response, or ask for corrected information except for pricing.
- d. **The following occurrences require disqualification of the bid/proposals:**
- Unsigned or unauthorized signatures on bids/proposals;
  - Bids received after the date and time for opening
  - Bids where prices are conditional on award of another bid or are subject to unlimited escalation
- e. **H-GAC** may refuse to award a contract to or enter into a transaction with an apparent low bidder if that bidder is indebted to **H-GAC**.

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## 31. WITHDRAWAL OR MODIFICATION OF RESPONSES

Once received by **H-GAC**, responses may be modified or withdrawn prior to the submission deadline only if the request to do so is in writing submitted by **Offeror's** authorized representative. Responses and requests for modification received after the submission deadline will not be accepted. Requests for response withdrawal received after the submission deadline will be accepted if the request to do so is in writing submitted by **Offeror's** authorized representative.

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## 32. RESPONSE EVALUATION

### For Bid Responses:

- a. Section B will state whether the contract will be awarded to the lowest responsible bidder or to the bidder who provides goods or services at the best value for **H-GAC** and its participants.
- b. If the contract will be awarded based on best value, Section B will state any relevant criteria which **H-GAC** will consider.
- c. For each offered Product Item, **H-GAC** may use the offered price, prices for Required Options, and the prices of selected common Published Options to determine the lowest responsible offer.
- d. Failure of **Offeror** to submit pricing for frequently purchased options and any **H-GAC** required options may cause response to be considered non-compliant at **H-GAC's** sole discretion.

### For Proposal Responses:

- e. **H-GAC** will evaluate proposals as detailed in Section B.
- f. By submission of a Response Offeror indicates acceptance of the evaluation technique, and recognizes and accepts that **H-GAC** may at its sole discretion make subjective judgments during the evaluation process.



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### 33. ORDER OF PRECEDENCE PRIOR TO CONTRACT AWARD

In the event of conflict between this document and any references or documents cited herein, this document shall take precedence prior to contract award.

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### 34. AWARD OF CONTRACT

- a. **H-GAC** reserves the right to accept or reject any Product Item or option offered. Additionally, all options included in Offeror's response and accepted by **H-GAC** are understood to be included in any contract.
- b. **H-GAC** shall award contract(s) for line items or groups of line items, at its sole discretion.
- c. With authority granted by the **H-GAC** Board of Directors, a written contract shall be presented to the successful **Offeror(s)** and shall be subject to acceptance by the successful **Offeror(s)** within forty-five (45) calendar days after presentation by **H-GAC**. If a contract is not executed within forty-five (45) calendar days, **H-GAC** may rescind the contract offer and award a contract to the next **Offeror** in order of rank as determined by **H-GAC**.
- d. Delivery time and prompt payment discounts, including time allowed for payment, may be considered in tie-breaking of offers which are judged by **H-GAC** to be equal in all other criteria.
- e. The contract shall include the following documents in the stated order of precedence:
  - 1st The contract document signed by **H-GAC** and **Offeror**.
  - 2nd This Invitation and all specifications referenced herein.
  - 3rd **Offeror's** response to this Invitation.

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### 35. PRO-FORMA CONTRACT

This Invitation includes a Pro-Forma (sample) Contract which successful offerors will be expected to sign. The actual final contract will be the same or nearly the same as the Pro-Forma. NOTE: Successful Offerors MAY NOT process any purchase orders until the contract documents have been executed and returned to **H-GAC**.

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### 36. CONTRACT TERM

The contract shall be in effect throughout the period stated elsewhere in the contract documents, and thereafter until such time as any outstanding orders against the contract have been fulfilled. The contract may be extended if deemed by **H-GAC** to be in the best interests of the Program, and subject to mutual agreement of the parties.

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### 37. PERFORMANCE & PAYMENT BOND

**H-GAC's** contractual requirements DO NOT include a Performance & Payment Bond (PPB), and offered pricing should reflect this cost saving. However, **Contractor** must be prepared to offer a PPB to cover any specific order if so requested by **End User**. **Contractor** shall quote a price to **End User** for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of **End User's** purchase order.

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### 38. CHANGE ORDERS

**End Users** shall have the right to make additions by addenda for the purpose of clarification or inclusion of additional specifications, qualifications, conditions, etc. Any such addenda shall be made in writing and agreed upon by **Contractor** and the **End User** agency prior to issuance of any Change Order. A copy of any such Change Order shall be furnished by **Contractor** to **H-GAC**.

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### 39. DUPLICATION OF TERMS OR STATEMENTS

Where statements or terms are duplicated or are extremely similar, **H-GAC** and the **End User** reserve the right to use the statement or term most favorable to **H-GAC** and/or the **End User**.

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### 40. PUBLICITY

**H-GAC** encourages contractors to "market" the Program, and can provide some information and artwork to be used in published promotional materials. However, any publicity or published material released by **Contractor** referencing the contract, whether in the form of a press release, brochure, photographic coverage, or verbal announcement, shall be issued only with prior review and approval by **H-GAC**.

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#### 41. TAXES

**HGAC** and **End User** participants are either units of government or qualified non-profit agencies, and are generally exempt from Federal and State sales, excise or use taxes. **Offeror** shall not include any such taxes in the Response. Further, it shall be the responsibility of **Contractor** to determine the applicability of any taxes to a particular order and act accordingly. Exemption certificates will be provided upon request.

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#### 42. DRUG FREE WORKPLACE

**Contractor** shall provide notice to its employees and sub-contractors, as required under the Drug-Free Workplace Act of 1988. A copy of **Contractor's** Drug-Free Workplace policy shall, on request, be furnished to any **End User**.

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#### 43. PRODUCT NOTICES & MAILINGS

**H-GAC** is NOT the owner of Products sold pursuant to this Invitation, but acts only in the capacity of purchasing agent. In that regard, **Contractor** accepts sole responsibility for insuring that notices and mailings, such as Safety Alerts, Safety Recall Notices and Customer Surveys, are sent directly to the **End User** of record.

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#### 44. HANDLING OF ORDERS & PAYMENTS

In general, orders and payments will be handled as described below. More specific instructions and information regarding handling of purchase orders and the Order Processing Charge may be provided after contract award. Established procedures may be changed at any time by **H-GAC** as may be dictated by efficient business practice. The particulars of any sale, e.g. specific products, pricing, delivery, warranty, etc., will be in strict accordance with the terms and conditions of this Invitation and the specific contract awarded to **Contractor**. Beyond that:

- a. For any particular procurement to be made under the provisions of an **H-GAC** contract, **End User** and **Contractor** will discuss requirements and agree as to what will be provided.
- b. **Contractor** will prepare a Contract Pricing Worksheet and provide it to **End User**. The Worksheet will list everything being purchased including the base bid item(s), all published and unpublished options and the delivery date. All pricing shall be per the current contract.
- c. **End User** will send a purchase document to **Contractor**, which **Contractor** will send **H-GAC** together with the Contract Pricing Worksheet. **NOTE: Contractor** agrees not to offer, agree to or accept from **End User** any terms or conditions that conflict with or contravene those in **Contractor's** **H-GAC** contract, except for pricing discounts.
- d. **H-GAC** will prepare an "Order Confirmation" and send it to **End User** and to **Contractor**. The Order Confirmation verifies that **Contractor** has a valid **H-GAC** contract and that the order is in compliance with the requirements of the **H-GAC** Cooperative Purchasing Program. **Contractor** will not ship any goods before receipt of both **End User's** purchase document and **H-GAC's** Order Confirmation.
- e. On notification that **Contractor** has received an order, **H-GAC** will invoice **Contractor** for the applicable Order Processing Charge. **NOTE: The Order Processing Charge is charged to Contractor, EXCEPT in the case of motor vehicles.** For all sales of motor vehicles the Order Processing Charge is levied on the **End User**, collected by **Contractor**, and remitted to **H-GAC** by **Contractor**.
- f. **Contractor** will deliver products/services ordered, and will invoice **End User** for products/services accepted by **End User**. (See other Sub-Section herein dealing with Product Delivery.) **Contractor** will not invoice before shipment has been made.
- g. **End User** will pay **Contractor** for those products and/or services ordered which have been received and accepted. Under no circumstances shall any check be made payable to a representative or agent. Should a representative or agent submit an invoice to **End User** for any cost related to a purchase order issued to **Contractor** for products/services covered by an **H-GAC** contract, such invoice shall be forwarded to **Contractor** and **Contractor** will take action to correct the error.
- h. Upon delivery of any product/service by **Contractor** and acceptance by **End User**, **Contractor** shall remit to **H-GAC** the full amount of the applicable Order Processing Charge in accordance with the payment terms established in the **H-GAC** contract. Note, the Order Processing Charge is due whether or not **Contractor** has ever received an invoice from **H-GAC**. Sales executed based on the particulars of **Contractor's** **H-GAC** contract, without payment of the Order Processing Charge, may constitute fraud.

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#### 45. PRICE CHANGES

- a. Any permanent increase or decrease in offered pricing for a base contract item or published option is considered to be a price change. Temporary increases in pricing by whatever name (e.g. 'surcharge', 'adjustment', 'equalization charge', 'compliance charge', 'recovery charge', etc.), are also considered to be price changes.
- b. Except in the case of contracted published catalogs and price sheets, prices for Base Bid Items and Published Options are expected to be held firm for a minimum of 90 days from the date an awarded Offeror signs the H-GAC contract. Thereafter, changes will be considered if accompanied by justifying documentation satisfactory to H-GAC. For published catalogs and price sheets which are on an H-GAC contract, requests to amend the contract to reflect any new published catalog or price sheet may be submitted whenever the manufacturer publishes the new document. Any such request must include the new catalog or price sheet.
- c. If **Contractor** routinely offers discounted contract pricing, **H-GAC** may request **Contractor** to accept amended contract pricing equivalent to the routinely discounted pricing.
- d. No price change will be allowed unless it has been reviewed and approved by **H-GAC** in writing. **Contractor** must have received **H-GAC's** written approval of any change prior to charging the new price or using it in any quotation prepared for an End User.
- e. Price change requests must be submitted to **H-GAC** in writing and must be received by **H-GAC** at least thirty (30) calendar days prior to the requested effective date of the change, and must state the time period for which the requested pricing will remain firm.
- f. Price change requests shall include **H-GAC Forms D and E**, or whatever documentation was used to submit pricing in the original Response hereto, showing all affected items with current contract price, requested price, and percentage change shown clearly for each. This documentation should be submitted in MSExcel format to facilitate analysis and updating of the website.
- g. Price change requests **MUST** be supported with substantive documentation (e.g. manufacturer's price increase notices, copies of invoices from suppliers, etc.) showing that **Contractor's actual costs** have increased. The Producer Price Index (PPI) may be used as partial justification, subject to approval by **H-GAC**, but no price increase based solely on an increase in the PPI will be allowed.
- h. All Products shall, at time of sale, be equipped as may be required under any then current applicable local, state, and federal government requirements. If, during the course of any contract, changes are made to such government requirements which cause a manufacturer's costs of production to increase, **Contractor** may increase Product pricing to the extent of **Contractor's** actual cost increase. The increase must be substantiated with support documentation acceptable to **H-GAC** prior to taking effect. Modifications to a Product required to comply with such requirements which become effective after the date of any sale shall be the responsibility of the **End-User**.
- i. In cases involving contract extensions exceeding sixty-one (61) days beyond the stated expiration date of the contract, **Contractor** may request a price change based on the same conditions as stated above. However the thirty (30) day prior notice is waived and **H-GAC** will consider the request immediately on receipt.
- j. H-GAC reserves the right to accept or reject any price change request. Acceptance, if granted, will be in writing and the approved changes will become part of the contract.

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#### 46. CONTRACT ITEM CHANGES

- a. If a manufacturer discontinues a contracted item, that item will automatically be considered to be deleted from the contract with no penalty to Contractor. However, **H-GAC** may at its sole discretion elect to make a contract award to the next low offeror for the item, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion.
- b. If a manufacturer makes any change in a contracted item which does not affect the contract price, Contractor shall advise **H-GAC** of the details. If the 'new' item is equal to or better than the originally contracted item, the 'new' item shall be approved as a replacement. Otherwise **H-GAC** may allow or reject the change, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion. If the change is rejected there will be no penalty to Contractor.
- c. If a manufacturer makes any kind of change in a contracted item which affects the contract price, Contractor shall advise **H-GAC** of the details. **H-GAC** may allow or reject the change at its sole discretion. If the change is rejected there will be no penalty to Contractor. However, **H-GAC** may elect to make a contract award to the next low offeror for the item, or take any other action deemed by **H-GAC** to be in the best interests of **End Users**, at its sole discretion.

- d. In the case of specifically identified catalogs or price sheets which have been contracted as base bid items or as published options, routine published changes to products and pricing shall be automatically incorporated into the contract. However, **Contractor** must still provide thirty (30) calendar days written notice and an explanation of the changes to products and pricing. **H-GAC** will respond with written approval.

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#### 47. FORCE MAJEURE

If either party shall be wholly or partially prevented from the performance of any contractual obligation or duty by reason of or through strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, accident., order of any court, act of God, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance, in such event, the time for the performance of such obligation or duty shall be suspended until such disability to perform is removed. Determination of Force Majeure shall rest solely with **H-GAC**.

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#### 48. PERFORMANCE UNDER CONTRACT

**H-GAC** is committed to insuring that **Contractor** provides effective and efficient service to all Participants in the Cooperative Purchasing Program, and expects that certain Performance Conditions must be met. Failure to meet these conditions may result in contract termination. In that regard, **Contractor shall:**

- a. Appoint a dedicated representative to be the contact person and focal point for all matters relating to End User quotations and orders. The representative shall have: A toll free phone number with voice mail; A fax number; A working e-mail address; and A postal address.
- b. Insure that the representative timely monitors all communication modes listed above, and promptly responds to communications from **End Users** and **H-GAC** in any of these modes. Phone calls will be promptly returned, in any event not later than the next business day. Acceptable failure will be due only to Force Majeure.
- c. Maintain sufficient qualified staff to promptly process all communications from **H-GAC** or **End Users**, and to efficiently, effectively and accurately service all requirements of the contract.
- d. As may be requested by **H-GAC**, replace any staff members who are not providing the service and expertise deemed necessary by **H-GAC** for acceptable support of **End Users**.
- e. Properly prepare and provide to **End User** a Contract Pricing Worksheet, or a quotation in other format as approved by **H-GAC**, for each and every order that is to be executed.
- f. Furnish, on request of **H-GAC**, reasonable data, forms and graphic material to be used in brochures or other print media, or on **H-GAC**'s website.
- g. Allow access to **H-GAC** authorized personnel for inspection of operating facilities, and auditing of purchase orders during the contract period, and for a period extending thru the completion of any outstanding orders. Site inspection may be arranged not less than ten (10) calendar days prior, shall include the names of all participants, and shall be at no expense to **Contractor**.
- h. **Reporting Requirements:**
  - **Contractor** agrees to submit written quarterly reports to **H-GAC** detailing all transactions during the previous three month period. Such reports shall include, but are not limited to the following:
    - **End User** name
    - Product/Service purchased, including Product Code if applicable
    - End User Purchase Order Number
    - Purchase Order Date
    - Product/Service dollar amount
    - **HGACBuy** Order Processing Charge amount
  - Reports must be provided to **H-GAC** in MSExcel or other acceptable electronic format, and are due by the 30<sup>th</sup> day of the month following the applicable quarter being reported.
- i. Should **Contractor** default in providing Products or Services as required by this Invitation and the contract, recourse may be exercised thru cancellation of the contract and other legal remedies as may be appropriate.

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#### 49. CONTRACTOR ORIENTATION/TRAINING

**H-GAC** believes that **Contractor's** familiarity with the operational policies and requirements of the Cooperative Purchasing Program is a key factor in achieving **End User** satisfaction. In that regard, the Contact Person listed on **Form A**, or an alternate, shall be required to participate in an **H-GAC** vendor orientation/training as soon as

possible after contract award. In addition, any other of Contractor's staff who will be involved in any way with the HGACBuy Program should participate in orientation. The orientation may be presented as a teleconference or webinar, or may be held in **H-GAC**'s offices as may be determined by **H-GAC** and Contractor to be the most efficient and effective form of delivery.

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## **50. LEGAL & CONTRACTUAL REMEDIES**

### **RESOLUTION OF PROTESTED SOLICITATIONS AND AWARDS**

#### **Procedure**

Any actual or prospective **Offeror** or **Contractor** who is aggrieved in connection with a purchase transaction may file a grievance. The grievance may be filed at any phase of the procurement. In order for an above mentioned party to enter the grievance process, a written complaint must be sent to the Chief Operations Officer (COO) of **H-GAC** by certified mail which identifies the following:

1. Name, mailing address and business phone number of the complainant.
2. Appropriate identification of the procurement being questioned.
3. A precise statement of reasons for the protest.
4. Supporting exhibits evidence or documents to substantiate any claims.

The grievance must be based on an alleged violation of **H-GAC**'s Procurement Procedures, a violation of State or Federal law (if applicable), or a violation of applicable grant or contract agreements to which **H-GAC** is a party. Failure to receive a procurement award from **H-GAC** in and of itself does not constitute valid grievance. Upon receipt of grievance, the Chief Operations Officer will initiate the informal resolution process.

#### **Expedited Resolution**

The Procurement Officer or Departmental Director responsible for the solicitation shall contact the complainant and all interested parties and attempt to resolve the allegations informally within ten (10) working days from date of complaint. If the allegations are successfully resolved by mutual agreement, documentation will be forwarded to the Chief Operations Officer of the resolution with specifics on each point addressed in the original complaint.

If the Procurement Officer or Departmental Director is not successful in resolving the allegations, the complaint along with the comments will be forwarded to the Chief Operations Officer immediately. The Chief Operations Officer will review all documentation. All interested parties will be given written notice of the date, time, and place of the hearing and an opportunity to present evidence. A written decision will be issued within five (5) working days after the hearing along with notice of appeal rights.

#### **Appeals**

The complainant may appeal the Chief Operations Officer's decision by submitting a written appeal, within five (5) working days, to the Executive Director of **H-GAC**. The Executive Director, upon receipt of a written notice of appeal, shall contact the complainant and schedule a hearing within ten (10) working days. The Executive Director of **H-GAC** has the option of appointing a Hearing Officer to preside over the hearing. If appointed, the Hearing Officer shall conduct a hearing and forward a summary and recommended resolution to the Executive Director.

The decision reached by the Executive Director or his designee shall be final and conclusive. This decision will be forwarded to the complainant in writing within thirty (30) working days.

The **Contractor** may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a Court of competent jurisdiction.

### **RESOLUTION OF CONTRACT DISPUTES**

Upon breach or default, **H-GAC** shall give the **Contractor** written notice of default. If the default is not remedied, within a reasonable specified time from date of notification, to the satisfaction and approval of **H-GAC**, default will be declared.

Upon breach of contract or default, **H-GAC** may exercise any and all of its rights afforded by law, including but not limited to those referenced in the General Contract Provisions.

### **SOLICITATIONS OR AWARDS IN VIOLATION OF THE LAW**

Contracts awarded in violation of the competitive process or otherwise in violation of the law are voidable by **H-GAC**.

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**51. NATIONWIDE SALES OPPORTUNITIES**

**HGACBuy** provides purchasing services to local governments qualifying non-profits throughout the nation, and desires to make established contracts available to them wherever and whenever practicable. Therefore, once a contract is awarded, **Contractor** is expected to expand the scope of its marketing effort to include sales to **End Users** in all areas of the United States, and/or to assign any **H-GAC** contract to another contractor(s) as deemed appropriate by **H-GAC** in the interest of its End Users.

- **Contractor** may sell through **HGACBuy** anywhere subject to compliance with applicable laws and regulations. If the market structure in which **Contractor** operates requires a contract assignment for any particular sale, **H-GAC** will expect **Contractor** to assign the contract to a Manufacturer or to another Dealer(s). Such assignment must be approved by **H-GAC**.
- **Contractor**'s differential costs (e.g. transportation & delivery charges) and allowances (e.g. manufacturer's sales incentives) related to any sale may be charged to buyer.

<p><b>End of Section A General Terms And Conditions</b></p>
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**SECTION B – PRODUCT SPECIFIC REQUIREMENTS**  
**For**  
**Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services**

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## 1. INTRODUCTION & SCOPE

**H-GAC** has established this specification in order to address the potential Sewer/Pipeline Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services needs of our **Cooperative Purchasing Program (HGACBuy) Members**. The specification and the awards to follow are designed to allow for multiple manufacture and model award, which will afford **HGACBuy Members** the opportunity to shop equipment by price, brand preference or other proprietary, technical aspects.

This Section details specific **H-GAC** minimum requirements and other specifications applicable to the Sewer/Pipeline Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services covered by this Invitation. The features and performance of any offering must meet or exceed all requirements and specifications listed or referenced herein. For any required feature stated in general terms, it is understood that OEM standard shall meet the requirement.

This invitation covers the following general categories of equipment:

- A.** Sewer/Pipeline Cleaners, Centrifugal Compressor Fan Type, Truck Mounted
- B.** Sewer/Pipeline Cleaners, Positive Displacement Type, Truck Mounted
- C.** Jet Rodders, Truck & Trailer Mounted
- D.** Hydro-Excavators, Truck & Trailer Mounted
- E.** Standard Portable Sewer/Pipeline Inspection Systems
- F.** Explosion-Proof Portable Sewer/Pipeline Inspection Systems
- G.** Sewer/Pipeline Inspection Vans & Trailers
- H.** Miscellaneous Sewer Equipment
- I.** Miscellaneous Sewer Cleaning Services

## 2. DEFINITIONS AND ABBREVIATIONS

**Base Unit:** The basic platform system shall conform to the minimum configurations set forth in Section A and B, as priced on **Form “D”**.

**Explosion Proof:** Refers to the ability of equipment to contain energy released from combustion within a device, while in an explosive atmosphere. An explosive-proof instrument is enclosed in a case designed to withstand an explosion a specified gas or vapor that may occur within it for and to prevent the ignition of a gas or vapor surrounding the enclosure, operating at such an external temperature that a surrounding flammable atmosphere will not be ignited. *Intrinsically Safe* is a certification referring to a design where there is a limit on the energy output by reducing the potential of current below lower explosive limits (LEL), where any spark or thermal effect in a circuit is incapable of causing ignition of a mixture of combustible material in air.

**Lux:** The unit of illumination in the International System of Units (SI). It is defined in terms of lumens per meter squared (an alternative unit is the watt per meter squared ( $W / m^2$ )).  $Lux = W/m^2 \times 683$ .

**Services:** Under this specification, services performed shall be priced per lineal foot and the price shall be all inclusive; (to include all expenses incurred by the Contractor, including all travel, per diem, labor, vehicle, insurance weather delays, etc., with the exception those delays directly caused by the End User.)

**Weatherproof:** Capable of withstand exposure to moisture, rain, wind, heat, and cold without undo wear or a degradation in performance.

## 3. VEHICLE MOUNTED UNITS – VAN OR CAB/CHASSIS REQUIREMENT

Offered vehicle mounted equipment shall be installed by **Contractor** in/on a customer furnished van or cab/chassis, which may or may not be purchased by customer thru another H-GAC contract. Bid pricing shall include all mounting parts, labor, and any required ancillary equipment necessary to provide a complete, fully functional piece of equipment. **Offeror** shall include detailed information in the response as to the minimum acceptable van or cab/chassis requirements necessary for each base item bid (e.g. Van or Truck Model; GVWR, etc.), and must also include a copy of their Texas Converter’s License with the Response.

**Offeror** may also list and price **Contractor** furnished van or cab/chassis options on **Form E**. Such equipment may be sold to **End Users** in states other than Texas pursuant to the laws of that state, and **Contractor** is solely responsible for compliance. Such units may also be sold to Texas **End Users**, provided that **Contractor** is a properly licensed Texas Motor Vehicle Dealer, and **Offeror** must then provide a copy of their Texas Motor Vehicle Dealer License with the Response. In any event, **End Users** shall retain the choice of purchasing the van or cab/chassis thru one of **H-GAC’s** other contracts.

**NOTE:** In the State of Texas, a Franchised Texas Dealer must handle the title work for a new motor vehicle, invoice the customer and collect the entire purchase amount of a new vehicle.

**NOTE:** Outside the State of Texas, it is the contractor’s responsibility to ensure all vehicle sales are in accordance with the motor vehicle laws of the state where the acquisition is made.

## 4. OPTIONS

A complete priced list of available options, accessories and upgrades shall be submitted on **Form E**. In lieu of entering line by line information on **Form E**, **Offeror** may note “See Attached” on **Form E**, and attach a price list or easily identified and dated catalog. Option descriptions should include some sort of code number so that they may be easily identified on a customer quotation and compared to **Offeror’s** Response. The options list or catalog must also be submitted in electronic format. Discounts off the price lists or catalog must be shown on **Form E**.

## 5. DEMONSTRATIONS

**End Users** may require **Contractor** to demonstrate equipment prior to any purchase, at **Contractor’s** sole expense. However, the performance of a demonstration shall not constitute any commitment to purchase.



## 6. FREIGHT CHARGES

The price of all equipment and options offered shall be exclusive of any freight charges. **Contractor** shall detail any applicable freight on the **HGACBuy** Contract Pricing Worksheet, provided to **End User**, as a separate line item relative to any particular order.

**NOTE: Freight charge pricing shall be quoted on Form E or shown in a way that is easily calculated.**

## 7. MAINTENANCE AND REPAIR

**Offeror** shall price maintenance contract and warranty options on **Form E**.

## 8. TRAINING

With each sale, **Contractor** shall provide **End User** with adequate training which, at the very least, shall be comprised of a detailed owner's manual or CD providing instruction for the operation and maintenance of the equipment. The price of this item(s) shall be included in the base bid price. Additionally, **End Users** must have an ongoing opportunity for communication with an engineer, sales engineer, or qualified technician beginning at the time of delivery and extending for the life of each item sold. Other available factory and/or on-site training programs shall be listed on **Form E**.

## 9. STANDARD FEATURES & SPECIFICATIONS

**Important:** For each base Product Item offered on **Form D**, **Offeror's** Response shall include a technical sheet(s) which details the standard equipment specifications, performance capabilities, and standard features for the offered product item.

**NOTE: At no time shall this contract be used for the purchase of used or previously owned equipment. Purchases shall always be for the most current make/model of equipment.**

## 10. COMPETITIVE PRICING

By submission of a response, **Offeror** certifies that offered pricing is as good as or better than pricing offered to local government customers thru any other program under normal circumstances. If such is not the case, **Offeror** shall explain how offered pricing differs from "best" pricing, and by how much.

## 11. EVALUATION AND CONTRACT AWARDS

For each specific **Form D** line item, H-GAC will recommend awards to the contractor with the highest overall score providing the best value. A rank will be assigned to each **Form D** line item bidder base on pricing. If three (3) bids were received, the low bid will receive a ranking of "3" with the next lowest bidder a "2" and so on. It is this ranking that will be used in determining the pricing and past sales performance scores for each **Form D** Line item.

- **Scoring Component: Pricing**

For each line item, a review of Offerors' submitted bid prices (**Forms D** and **E**) will be conducted. **Providing pricing elements are satisfied, (thorough and accurate Forms-E), electronic copies, et cetera)**, the Offeror with the highest score on Form-D will be awarded that line item.  
**Form D** Base Bid Price – **90%** of the Total Score

- **Scoring Component: Past Performance**

An evaluation will be conducted of the Offeror's sales performance on the current contract (contract start date thru bid conference date) as an HGACBuy Contractor. Maximum score is 10%. If a bidder is a current vendor and has sales they will receive the full **10%**. Current vendors with no sales will receive a score of **0%**. Note: Those first-time bidders will garner the maximum 10% for this scoring component.

**NOTE: For Joint Bids, each Form A submitted in the Bidders response will be scored per the above criteria and an overall average will be taken of all Form A's submitted to determine the Performance score for each submission.**

**MARKETING PLAN (Form H)** – Bidder shall provide a written narrative explaining in some detail activities that will be undertaken to actively market and promote an H-GAC contract to local government and non-profit End Users. Plan may include items such as types of media to be used, frequency of outreach campaigns or designated staff resources assigned to such tasks.

## 12. BID RESPONSE REQUIREMENTS

1. Dealers submitting responses must be authorized, under written franchise agreement with the manufacturer, to sell and service (including warranty work) any product offered hereunder.
2. **Offeror** MUST submit the **Service Organization** document required by Section A, Sub-section 27.f. Further, the Service Organization document must include a detailed description of the geographic area in which **Offeror** is authorized to sell and service any equipment bid.
3. By submission of a response, **Offeror** agrees to assign any **H-GAC** contract to an authorized dealer if required to effectively satisfy and service an **End User** outside **Offerors** authorized territory.
4. An Order Processing Charge of 1.5% will be levied on Contractor for all orders processed through the **HGACBuy** Program pursuant to this procurement. On receipt of payments from **End User**, Contractor shall promptly remit the Order Processing Charge to **H-GAC**.

**NOTE:** Offerors are responsible for taking the 1.5% Order Processing Charge into account when determining bid pricing.

### • COMMITMENT

**Offeror** is required to make some basic commitments to insure the overall success of this program. By submission of a response, offeror commits to the following:

- **Corporate/Sales Commitment** – A commitment that **HGACBuy** has the support of senior management and that **HGACBuy** will be the primary government contracting vehicle when offering services/products awarded from this solicitation to eligible end users nationwide. A further commitment to aggressively market the program, both independently as well in partnership with **HGACBuy**.
- **HUB Participation** – It is **H-GAC's** goal to have Historically Underutilized Business Enterprise (HUB) participation in providing services under a contract. IF **Offeror(s)** intends to employ subcontractors in providing services/products related to this solicitation, **Offeror(s)** shall make and demonstrate a good faith effort to include HUB participation under a contract. **Offeror(s)** good faith effort shall include, but is not limited to the following affirmative steps (ref. 2CFR 200.321):
  - 1) Placing qualified small and minority businesses and women's business enterprises on solicitation list;
  - 2) Assuring that small and minority businesses and women's business enterprises are solicited whenever they are potential sources;
  - 3) Dividing total requirements, when economically feasible, into smaller task or quantities to permit maximum participation by small and minority businesses, and women's business enterprises;
  - 4) Establishing delivery schedules, where the requirement permits, which encourage participation by small and minority businesses, and women's business enterprises;
  - 5) Using the services and assistance as appropriate, of such organizations as the Small Business Administration and the Minority Business Development Agency of the Department of Commerce.

**NOTE:** The term HUB as used in this solicitation is understood to encompass all programs/business enterprises such as Small Disadvantaged Business (SDB), Disadvantage Business Enterprise (DBE), Minority Owned Business Enterprise (MBE), Women Owned Business Enterprise (WBE) and Disabled Veteran Business Enterprise (DVBE).

### 13. MANUFACTURERS PARTICIPATING DEALER LIST

As part of the Response hereto, **Offeror**, if a manufacturer, must list **Authorized Dealers** who will participate in any subsequently executed **H-GAC** contract. This means that listed **Dealers** will be authorized to provide **HGACBuy** contract price quotes and service (including warranty work).

The **Authorized Dealers List** should include the following information:

- Dealer Name,
- Tax ID Number,
- Contact Person Name (for servicing customers),
- Contact Address,
- Contact Phone
- Contact Fax
- Contact Email
- Dealer Geographic Area Covered

Thereafter, **Contractor** shall:

- Keep the **Authorized Dealers List** current by notifying **H-GAC**, in writing, when dealers are added or removed.
- Provide all **Authorized Dealers** a copy of this Invitation, the Response and the Contract.
- Work with **H-GAC** to insure that **Authorized Dealer** personnel are thoroughly orientated on all procedures applicable to **HGACBuy** business.
- Agree that only products covered by the **HGACBuy** contract will be sold to **HGACBuy Members**.
- Inform **H-GAC** of any changes to pricing and products offered through the contract according to the terms and conditions of the contract.
- Provide quarterly reports to **H-GAC**, upon request, including details of all **HGACBuy** sales made by **Authorized Dealers** pertaining to the quarter requested.
- Remain liable under the contract for the performance of all **Authorized Dealers**.
- Agrees to maintain a single point of contact as liaison for **Members** and website.

### 14. GENERAL EQUIPMENT SPECIFICATIONS & REQUIREMENTS

The following sub-sections contain applicable minimum general design and performance requirements for Product Items covered by this Invitation. In the case of any offered Product Item for which there is no sub-section following, the manufacturer's standard specifications and features shall be understood to be the minimum requirements. Items noted as "OPTIONAL" need not be included with the base bid item, but if included shall meet the minimum requirements stated.

#### **A. Sewer/Pipeline Cleaners, Centrifugal Compressor Fan Type, Truck Mounted**

This Equipment shall be used for removing sand, stones, bottles, cans, grease, sludge and other debris from sanitary sewer and/or storm drain lines and basins by the flushing action of high-pressure water. It shall include an air conveying **Fan** type vacuum system powered by the chassis or auxiliary engine, a high-pressure water pump, and an enclosed and sealed body for storage of the collected debris. Each unit delivered shall be furnished with a **certified weight ticket** that verifies it meets the GVWR of the chassis selected, showing the weight of the unit(s) with operator, fuel, and water tanks full. No unit delivered shall be overweight on any axle. Volumetric water load shall be calculated at 8.4 pounds per gallon.

**Standard Features:**

- Hydrostatic or Hydraulic Drive
- Hydraulic door locking system with a minimum of four (4) locks.
- Hydraulic dump body cylinder or scissor type, rising to a minimum of 45°.
- Fluid draining system for removing access liquids in the debris storage tank.
- A debris flush-out system.
- Water tank with a minimum of 10-year warranty.
- Vacuum system capable of 0 to 8000 CFM and at a minimum depth of 75 feet.
- Wet/dry type compressor with a manufacturer's standard warranty.
- Minimum 8" I.D. vacuum tube.
- Water pump capable of working at a minimum of 35 GPM.
- 600' of 1" ID rodder hose, min. operating pressure 2500 PSI, w/ hose footage counter and level wind guide.
- Hydraulic hose reel.
- Manhole cleaning system with quick connects coupler and 35' of 1/2" reinforced hose.
- Large weather-sealed toolbox, minimum dimensions 36"x18"x18".
- Whelen 700C-WBGH revolving light with limb guards or approved equal.
- Ecco 901 electrical back-up alarm or approved equal.
- Operating controls and gauges shall include at a minimum: truck engine throttle, high-pressure water pump on/off, hose reel forward-reverse valve, adjustable hose reel speed control, over speed warning light for water pump (if required), handgun control valves, hose reel extension and rotation controls.

### **B. Sewer/Pipeline Cleaners, Positive Displacement Type, Truck Mounted**

This equipment shall be used for removing sand, stones, bottles, cans, grease, sludge and other debris from sanitary sewer and/or storm drain lines and basins by the flushing action of high-pressure water. It shall include an air conveying **positive displacement** (PD) type vacuum system, a high-pressure water pump, and an enclosed and sealed body for storage of the collected debris. Each unit delivered shall be furnished with a **certified weight ticket** that verifies it meets the GVWR of the chassis selected, showing the weight of the unit(s) with operator, fuel, and water tanks full. No unit delivered shall be overweight on any axle. Volumetric water load shall be calculated at 8.4 pounds per gallon.

#### **Standard Features:**

- Hydraulic door locking system with a minimum of two (2) locks.
- Hydraulic dump body cylinder or scissor type, rising to a minimum of 45°.
- Fluid draining system for removing access liquids in the debris storage tank.
- A debris flush-out system.
- Water tank with a minimum of 10-year warranty.
- PD vacuum system capable of removal of debris at a minimum depth of 75 feet.
- Wet/dry type rotary blower with a manufacturer's standard warranty.
- Water pump capable of working at a minimum of 35 GPM.
- 600' of 1" ID rodder hose, min. operating pressure 2500 PSI, w/ footage counter and level wind guide.
- Hydraulic hose reel.
- Manhole cleaning systems, with quick connect coupler and 35' of 1/2" reinforced hose.
- Large weather-sealed toolbox, minimum dimensions 36"x18"x18".
- Whelen 700C-WBGH revolving light with limb guards or approved equal.
- Ecco 901 electrical back-up alarm or approved equal.
- Operating controls and gauges shall include at a minimum; truck engine throttle, high-pressure water pump on/off, hose reel forward-reverse valve, adjustable hose reel speed control, over speed warning light for water pump (if required), handgun control valves and hose reel extension and rotation controls.

### **C. Jet Rodders, Truck & Trailer Mounted**

Equipment in this category shall be used for the dislodging of blockages caused by stones, bottles, cans, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high pressure water. Each machine shall be equipped with a self contained, separate water supply as the water source for the high-pressure pump, and shall be capable of being operated by one person. All operating controls for high-pressure water, hose reel, and engine RPM shall be located at the operator's station. The unit shall be self-contained and mounted on either a cab/chassis or trailer, as outlined in the product code listing. Trailers will be furnished and

considered as part of the overall equipment. Each unit delivered shall be furnished with a **certified weight ticket** that verifies it meets the GVWR of the chassis selected, showing the weight of the unit(s) with operator, fuel, and water tanks full. No unit delivered shall be overweight on any axle. Volumetric water load shall be calculated at 8.4 pounds per gallon.

**Standard Features, Trailer Models:**

- Water pump with a full flow adjustable Relief Valve.
- Water tanks, w/level sight gauge, capable of being filled with a hydrant fill hose, min 10-year warranty.
- Minimum 25' hydrant hose with hydrant wrench.
- 3-cyl. Turbo-charged diesel engine w/ high temp low oil pressure automatic shutdown and exhaust silencer.
- Articulating hose reel with a minimum of 400' of high-pressure sewer hose with hose guide.
- DOT Standard Lighting Package.
- Large weather-sealed tool storage box.
- Reel speed control valve, water on/off valve, jet hose in/out control valve, and an engine ignition switch.
- Gauges: water pressure, oil pressure, water temperature, hour meter.
- Electric brakes with safety breakaway.

**Standard Features, Truck Mounted Models:**

- Water pump with a full flow adjustable Relief Valve.
- Water tanks, w/level sight gauge, capable of being filled with a hydrant fill hose, min 10-year warranty.
- Minimum 25' hydrant hose with hydrant wrench.
- Auxiliary engine, if any, shall be diesel with a high temp / low oil pressure automatic shutdown.
- Articulating hose reel with a minimum of 600' of sewer hose and a hose guide.
- Large weather-sealed tool storage box.
- Reel speed control valve, water on/off valve, jet hose in/out control valve, engine ignition switch.
- Gauges: water pressure, oil pressure, water temperature, hour meter.

**Suggested Options For Trailer Mounted Units**

1. 4-cyl aux diesel engine, turbo-charged with high temp & low oil pressure shutdowns and exhaust silencer.
2. Winter re-circulation system.
3. A 100 gallon water tank.
4. A 300 gallon water tank
5. A 600 gallon water tank
6. A 500 CFM PD vacuum system w/ 100-gallon debris body, full opening rear debris door, drain hose and dump valve.
7. An electric throttle.
8. Directional arrow bar mounted at rear.
9. Triplex water pump 2000 psi with a flow rate of 35 gpm.
10. Triplex water pump 3000 psi with a flow rate of 30 gpm.
11. Triplex water pump 4000 psi with a flow rate of 18 gpm.
12. Hose reel with 600' of high-pressure rodder hose with hose guide.
13. Hose reel with 800' of high-pressure rodder hose with hose guide.
14. Hose reel with 1000' of high-pressure rodder hose with hose guide.
15. Hose footage counter.

**Suggested Options For Truck Mounted Units**

1. 6cyl, aux. diesel engine, turbo-charged w/ high temp & low oil pressure shutdowns and exhaust silencer.
2. Winter re-circulation system.
3. A 100 gallon water tank.
4. A 300 gallon water tank.
5. A 600 gallon water tank.
6. A 500 CFM PD vacuum system w/100-gal.debris body, full opening rear debris door, drain hose and dump valve.
7. An electric throttle.
8. Directional arrow bar mounted at rear.
9. Triplex water pump 2000 psi with a flow of 60 gpm.
10. Triplex water pump 3000 psi with a flow of 50 gpm.
11. Hose reel with 600' of high-pressure rodder hose with hose guide.
12. Hose reel with 800' of high-pressure rodder hose with hose guide.

13. Hose reel with 1000' of high-pressure rodder hose with hose guide.
14. Hose footage counter.

#### **D. Hydro-Excavators, Truck & Trailer Mounted**

Equipment in this category shall be used primarily for various types of excavating activities, such as slot-trenching, potholing, directional drilling, sign and pole installation, and underground utility and pipe location. Units shall be equipped with a self contained, separate water supply as the water source for the high-pressure pump. The machine shall be capable of being operated by one person, with all operating controls for high-pressure water, vacuum system, and engine RPM located at the operator's station. Each chassis mounted unit delivered shall be furnished with a **certified weight ticket** that verifies it meets the GVWR of the chassis selected, showing the weight of the unit(s) with operator, fuel, and water tanks full. No unit delivered shall be overweight on any axle. Volumetric water load shall be calculated at 8.4 pounds per gallon.

##### **Standard Features, Trailer Models:**

- Water Pump with a full flow adjustable Relief Valve, 3000 PSI @ 2.5 GPM to 4 GPM, or approved equal.
- Water system shall have a handgun wand w/ minimum of 30' of 3/8" hose with a manual hose reel.
- Manufacturer's standard water tank, 60-gal minimum w/ water low water indicator or sensor.
- If water tank is capable of being hydrant filled, unit shall include hydrant wrench and minimum 25' of hose.
- Manufacturer's standard gas or diesel engine w/ electric start and sound dampening or enclosure as provided by manufacturer.
- Debris tank with rear door and full tank override or shutdown per manufacturer's standard.
- Vacuum system with a minimum 300 CFM @ 11" Hg and to include manufacturer's standard pressure safety valve.
- Gauges as required by manufacturer to include as minimum, fuel gauge, hour meter and vacuum pressure.
- Trailer design shall incorporate torsion flex axles or equivalent, welded frame, adjustable hitch, drop-down jack, DOT standard lighting and emergency brake-away brake system. Trailer shall be properly sized for full fluids loading.

#### **E. Standard Portable Sewer/Pipeline Inspection Systems**

All camera and related equipment shall be classified as "weatherproof". Base bid portable sewer inspection systems shall include the following components meeting minimum specifications as described.

##### **1. Combination Camera Power Control Unit/Monitor**

A fully integrated camera, lighting, and crawler control unit, built into a portable, protective case, shall be provided. The control unit shall include a built in 7 inch minimum color monitor, alpha/numeric data generator, and video display unit. Front panel controls should ideally include light intensity, tractor speed, video recorder/camera monitor select, crawler direction, and crawler start/stop.

A controller for a scanning or pan & tilt type camera, light intensity, crawler direction (forward, reverse, free wheel), and speed should ideally be provided, with a weatherproof 24 key keyboard.

It shall not be necessary to adjust the camera voltage to accommodate different lengths and types of cable. The AC power input shall include an external, resettable, UL approved, ground fault interrupt. All fuse holders shall contain a spare fuse for easy in field replacement. Other external connections shall include a buffered external video monitor output, a printer output port, audio and video input/output plugs (4).

The built in video display monitor shall be a 7 inch minimum color unit. The video response shall be in excess of 400 lines (horizontal). Front panel controls shall include power on/off, vertical hold, tint, color, brightness, and contrast.

##### **2. Data Display System**

An alpha/numerical video character generator built in to the power control unit shall be provided. It shall generate the alpha-numeric information for display on a system monitor and recording.

A standard keyboard shall be supplied for the entry of alpha-numeric data. Character intensity shall be adjustable from black to white and be able to be positioned anywhere within the visible viewing area. An optional RS-232 serial port shall be available for PC data transfer.

### 3. Small Diameter Pipe Color Inspection Camera

The small diameter pipe color television camera shall be specifically designed to operate in 6 inch pipe and negotiate multiple bends of up to 90-degrees. Accessory equipment shall be included for the inspection of pipes up to 15 inch diameter. Cameras that shall not pass through a short 90-degree turn or a single tee connection with the end connectors and cable in place shall not be acceptable. Camera performance minimums are:

a. Pick up elements:	CCD image sensor
b. Number of Pixels :	768H x 494V EIA
c. Synchronization	Internal crystal control
d. Scanning	2:1 interface
e. Resolution	460 lines
f. S/N Ratio	46 db+
g. Minimum Illumination	3 Lux (1.2F)
h. Video Output	1.0 Volt P-P 75 Ohms
i. Horizontal Sync Frequency	15.734K Hz (EIA)
j. Vertical Sync Frequency	60 Hz (EIA)
k. Power Supply	12VDC 350 milliamps

### 4. Small Diameter Pipe Color Inspection Camera Protective Housing

The camera shall be enclosed in an aluminum, alloy, or stainless steel housing, approximately 1.5 to 3 inches in diameter and 3 to 5 inches long without the connector assembly. The housing design shall allow the camera to negotiate multiple tight 90 degree bends or a single tee connection in a 4 to 6 inch pipe.

The front of the housing shall have a view port of impact resistant, distortion free glass. The rear of the housing shall be equipped with a sealed connector. The housing shall be designed for underwater surveillance and shall be fully sealed at the factory to withstand external pressures without damage or leakage.

### 5. Video Recording System

An industrial grade video recording system shall be provided to permanently record any selected video transmission from the closed-circuit television system. The recorder shall have a minimum recording time of 120 minutes and shall be capable of providing black and white or color playback.

### 6. Integrated TV Cable/Push Rod Assembly (OPTIONAL)

200 feet of ½ inch diameter integrated TV cable/push rod shall be furnished with a waterproof connector, push rod connection and cable strain relief. The integrated cable/push rod shall be of sufficient strength to allow the camera to be pushed or pulled through a minimum of 200 feet of pipe.

The cable shall include sufficient conductors to supply power to the camera and lights, allow for future expansion features and to transmit the video signal along a shielded coaxial cable. Systems using a separate TV cable and separate push rod to perform a lateral connection inspection shall not be acceptable. The outer jacket of the cable shall be constructed of abrasion resistant low drag coefficient nylon, or comparably performing material.

The cable end connector/assembly shall be specifically designed to transfer the cable strength to the camera. It shall be equipped with a flexible coupling to allow the camera to turn and rotate to negotiate multiple 90 degree bends or a single tee connection.

A wheeled coiler shall be supplied to store the integrated TV cable/push rod and allow easy insertion into the pipe. The coiler shall allow a free wheeling, no drag movement while inserting the cable or retrieving it from the pipe.

### 7. Flexible Video Cable

A minimum of 350 feet continuous length of fiber single or multi-conductor TV cable shall be furnished with a waterproof connector and cable strain relief. The TV cable shall be specifically designed for sewer inspection service. The cable shall provide the video signal, power to the camera and power to the lighthouse. A shielded

coax shall be provided for the video signal. A fiber strength member braid shall encase the conductors inside the outer jacket providing a break point meeting acceptable industry standards. The outer jacket of the cable shall be nylon, or comparable, to reduce cable drag and wear in the pipe.

#### **8. Motorized Flexible Video Cable Dolly (OPTIONAL)**

A pneumatic wheeled dolly shall be supplied to store the flexible video cable. It shall have sufficient capacity to hold up to 1,000 feet of flexible video cable. The dolly frame shall employ lightweight tubular construction and contain a video cassette recorder compartment and 1 or more equipment shelves. The dolly reel shall provide free wheel cable discharge and be equipped with an electric 1/4 HP motor to facilitate ease in cable retrieval. The electric motor shall be controlled with a variable speed controller to allow for controlled retrieval. The dolly shall be equipped with 2 pneumatic wheels for easy handling

#### **9. Footage Counter**

A footage counter assembly shall be furnished on the coiler and dolly reel that shall accurately record the distance that the camera has moved in feet and tenths of a foot.

#### **10. Transporter/Crawler**

The system shall be equipped with a self-propelled single or multi-conductor camera transporter designed for inspection of reduced ID 6 inch pipe up thru 8" pipe. It shall operate through a minimum of 500 feet of cable and shall have sufficient power and traction to inspect a distance the full length of the cable.

The transporter shall be equipped with a four-wheel minimum or track drive system designed to match the contour of the pipe to guarantee maximum traction in each pipe size. The heavy duty drive motor shall be specifically designed to meet all power requirements of the system. The motor shall be mounted in a heavy duty water proof housing. The speed and direction of the transporter shall be controlled from the control console. The controller shall be equipped with an ON/OFF switch, an ON indicator light, a directional switch to control the Forward and Reverse movement of the transporter and a speed control.

#### **11. Adjustable Skid for 8 To 15 Inch Pipe (OPTIONAL)**

A skid may be provided for inspecting 8 to 15 inch pipe ranges. Extension plates, adjusting plates and wheels shall attach to the base of the skid and shall be used in different combinations to accommodate larger pipe sizes.

#### **12. Cable Manhole Guide System**

A flexible cable guide assembly shall be furnished to protect the TV cable from damage during inspection operations in the pipe. A manhole top roller assembly shall be supplied to guide the cable entry at the manhole ground rim. The complete guide system shall be designed for quick installation from above the ground.

### **F. Explosion-Proof Portable Sewer/Pipeline Inspection Systems**

All camera and related equipment shall be classified as "weatherproof" and certified to be explosive-proof. This system's camera, crawler, lighting, and other subsurface components shall be capable of operating safely in environments containing combustible liquids or gases. The Base Unit portable explosion proof sewer inspection system shall include the following components meeting minimum specifications as described.

#### **1. Combination Camera Power Control Unit/Monitor**

A fully integrated camera and lighting control unit, built into a portable, protective case, shall be provided. The control unit shall include a built-in 9 inch minimum solid state color monitor with a monitor sun shield (hood) and industrial recorder for video.

The AC power input shall include an external resettable, UL approved, ground fault interrupt (GFI) and a line fuse with illumination indication of "blown" condition. The control unit shall be equipped with a main power on/off switch with an indicator light, AC fuse compartment with built-in spare fuses, video input and output connections, remote focus control, plug in for optional video keyboard and footage counter.

It shall not be necessary to adjust the camera voltage to accommodate different lengths and types of cables (flexible or integrated push/rod). The unit shall be equipped with a solid state, electronically controlled power supply that is designed to detect faults, shorts, and voltage overload conditions. Upon detection of a fault, the system automatically powers down the control unit. When the fault is corrected, the system shall automatically power up the unit for normal operations.



The camera light power shall be from an isolated power supply that shall regulate the voltage. The light intensity control shall be located on the front panel of the control unit. The unit shall be equipped with a low/high light switch to allow use of the standard lighting system for small pipe and an optional lighting system for larger pipes.

The built-in video display monitor shall be NTSC standard with video response in excess of 400 lines (horizontal). The front control panel shall include power on/off switch, monitor adjustment controls, rod/cable selection controls, and camera controls for rotate, focus, zoom and auto iris.

The case shall be padded with ½ inch of shock absorbing poly foam and fitted with reinforced corners. The carrying case shall include a pocket to store the optional video keyboard.

A Twenty four (24) hour clock/date display along with cable length readout shall be available for display on the monitor screen. The remote camera video and survey text shall be in the control unit and available in composite video for transfer to the video recorder. A joystick must be provided for full camera viewing control that allows the user to select any field of view.

An optional RS-232 serial port shall be available for data transfer to a PC.

## 2. Small Diameter Pipe Color Inspection Camera

The small diameter pipe color television camera shall be specifically designed to operate in at least 6 inch pipe and negotiate multiple bends of up to 90 degrees. The camera shall be capable of scanning a full 360 degrees enabling the user to view the entire internal pipe perimeter. This capability shall be available without the use of any external moving parts. Accessory equipment shall be included for the inspection of pipes up to 76 inch diameter. Cameras that won't pass through a short 90 degree turn or a single tee connection with the end connectors and cable in place are not acceptable. A dedicated joystick must be provided for user control of camera view. Camera performance minimums are:

a. Pick up elements	CCD Image Sensor
b. Number of Pixels	768H x 494V EIA
c. Synchronization	Internal crystal control
d. Scanning	2:1 Interlace
e. Resolution	300 horizontal/400 vertical
f. S/N Ratio	46 db+
g. Minimum Illumination	2.0 lux
h. Video Output	1.0 Volt P-P 75 Ohms
i. Horizontal Sync Frequency	15.734K Hz (EIA)
j. Vertical Sync Frequency	60 Hz (EIA)
k. Power Supply	12VDC 350 milliamps
l. Focus	Motorized remote control
m. Field of View	90 degrees
n. Scanned Angle	170 degrees

## 3. Small Diameter Pipe Color Inspection Lighthead

The front housing shall include a lighthead. The lighthead shall be integral mounted for the forward viewing and the illumination from the lighthead pods. The lamps shall provide ample lighting in 6 inch minimum pipe. The lamps shall be recessed and encapsulated in clear resin within the lighthead to prevent damage from obstacles in the pipe.

The lighthead shall be protected from the camera body with a thermal insulating barrier to minimize heat transfer. Color cameras that are not properly protected from lighthead heat resulting in a washed out picture, or requiring shut down after two 2 hours at maximum voltage, are not acceptable.

## 4. Small Diameter Pipe Color Inspection Camera Protective Housing

The camera shall be enclosed in a high strength aluminum, alloy, or steel housing approximately 4 inches in diameter and 9 inches long without the connector assembly. The housing design shall allow the camera to negotiate multiple tight 90 degree bends or a single tee connection.

The front of the housing shall have a view-port of impact resistant, distortion free optical glass. The housing shall be designed for underwater surveillance and shall be fully sealed at the factory to withstand external pressures in excess of 150 PSI without damage or leakage.

#### **5. Recording System**

An industrial grade recording system shall be provided to permanently record any selected video transmission from the closed-circuit television system. It shall have a minimum recording time of 120 minutes, and be capable of providing black and white or color playback.

#### **6. Integrated TV Cable/Push Rod Assembly (OPTIONAL)**

200 feet of ½ inch diameter integrated TV cable/push rod shall be furnished with a waterproof connector, push rod connection and cable strain relief. The integrated cable/push rod shall be of sufficient strength to allow the camera to be pushed or pulled through a minimum of 200 feet of pipe.

The cable shall include sufficient conductors to supply power to the camera and lights, allow for future expansion features and to transmit the video signal along a shielded coaxial cable. The cable shall include a fiberglass or equivalent rod built into the center of the cable that shall provide a minimum of 5,000 pounds tensile strength. Systems using a separate TV cable and separate push rod to perform a lateral connection inspection shall not be acceptable. The outer jacket of the cable shall be constructed of abrasion resistant low drag coefficient nylon, or comparably performing material.

#### **7. Flexible Video Cable**

A minimum of 350 feet continuous length of fiber single or multi-conductor TV cable shall be furnished with a waterproof connector and cable strain relief. The TV cable shall be specifically designed for sewer inspection service. The cable shall provide the video signal, power to the camera and power to the lighthouse. A shielded coax shall be provided for the video signal. A fiber strength member braid shall encase the conductors inside the outer jacket providing a break point meeting acceptable industry standards. The outer jacket of the cable shall be nylon, or comparable, to reduce cable drag and wear in the pipe.

#### **8. Motorized Flexible Video Cable Dolly (OPTIONAL)**

A pneumatic wheeled dolly shall be supplied to store the flexible video cable. It shall have sufficient capacity to hold up to 1,000 feet of flexible video cable. The dolly frame shall employ lightweight tubular construction and contain a video cassette recorder compartment and 1 or more equipment shelves. The dolly reel shall provide free wheel cable discharge and be equipped with an electric 1/4 HP motor to facilitate ease in cable retrieval. The electric motor shall be controlled with a variable speed controller to allow for controlled retrieval. The dolly shall be equipped with 2 pneumatic wheels for easy handling.

#### **9. Footage Counter**

A footage counter assembly shall be furnished on the coiler and dolly reel that shall accurately record the distance that the camera has moved in feet and tenths of a foot.

#### **10. Transporter**

The system shall be equipped with a self-propelled single or multi-conductor camera transporter designed for inspection of reduced ID 6 inch pipe up thru 8" pipe. It shall operate through a minimum of 500 feet of cable and shall have sufficient power and traction to inspect a distance the full length of the cable.

The transporter shall be equipped with a four-wheel minimum or track drive system designed to match the contour of the pipe to guarantee maximum traction in each pipe size. The heavy duty drive motor shall be specifically designed to meet all power requirements of the system. The motor shall be mounted in a heavy duty water proof housing. The speed and direction of the transporter shall be controlled from the control console. The controller shall be equipped with an ON/OFF switch, an ON indicator light, a directional switch to control the Forward and Reverse movement of the transporter and a speed control.

#### **11. Adjustable Skid for 8 To 15 Inch Pipe (OPTIONAL)**

A skid may be provided for inspecting 8 to 15 inch pipe ranges. Extension plates, adjusting plates and wheels shall attach to the base of the skid and shall be used in different combinations to accommodate larger pipe sizes.

#### **12. Cable Manhole Guide System**

A flexible cable guide assembly shall be furnished to protect the TV cable from damage during inspection operations in the pipe. A manhole top roller assembly shall be supplied to guide the cable entry at the manhole ground rim. The complete guide system shall be designed for quick installation from above the ground.

### **13. Explosion Proof Capabilities**

Components described herein shall be certified explosion proof, with a T3 or better temperature class. Furthermore, all equipment must be properly labeled as Explosion Proof, and is considered such if there is attached to it a label, symbol or other identifying mark of a nationally recognized testing laboratory whose labeling indicates compliance with nationally recognized test standards to determine safe use in a specified manner. All proposed equipment should be listed and labeled for use in Class I, division I environments. Documentation for equipment certification must be included with the proposal. FM or UL, or equal, will be acceptable.

## **G. Sewer/Pipeline Inspection Vans & Trailers**

This system shall be comprised of components necessary to equip a standard van or trailer for service as a sewer inspection control center. Proposer shall price all necessary components, per the minimums set forth in the below. All camera and related equipment shall be classified as Weatherproof. Sewer inspection van and video inspection components shall include all the following design and configuration features as a minimum:

### **1. Van Body Equipment Minimums**

- a. The interior of the van body shall be divided into two areas of operation: TV van control room (operator's station and viewing room) and equipment room (equipment mounting and storage area). A wall to wall bulkhead shall be supplied between the two rooms. The van interior shall be designed so the cab area can be utilized as part of the control room. The van shall be equipped with an external vinyl cover to block light from the front and side door windows during the TV operation.
- b. The generator shall be mounted at the floor level of the van body in an enclosed cabinet with a lockable door. The generator shall be mounted for easy external servicing.
- c. The electrical system shall be fully designed to sustain the complete electrical requirements of all components of the television inspection system. Standard fluorescent lighting and electrical outlets shall be supplied in both the control and equipment rooms. Provisions shall be made for disconnection to the generator power supply and reconnection to a commercial 120-volt house power supply through an exterior connection mounting. A power extension cord shall be furnished. The electrical wiring shall be done in accordance with applicable electrical codes.
- d. The control room shall be located at the front of the van body. A roof-mounted air conditioner, 13,000 BTU or better, shall be supplied in the control room that shall include a 5,000 BTU, or better, electric strip heater. The control room floor shall be covered with a commercial grade vinyl tile. The control room walls shall be covered with a laminated Formica, or comparably performing, surface. A built-in control console shall be furnished to house the electronic and control components. The console shall be positioned so the operator can see the equipment room area through a clear panel in the bulkhead. The console shall be equipped with racks for the electronic components. The built-in console shall include a desk covered with an industrial grade Formica, or comparable material. The console shall include two or more sliding drawers for storage under the desk.
- e. The equipment room shall be located at the rear of the van body. The equipment room shall have a fixed mounting location for the TV reel and allow for sufficient storage space for down-hole equipment, winches, safety items and other miscellaneous equipment necessary to perform the inspection operation.

### **2. Power Generator**

The generator shall be mounted on the driver's side of the van body in an enclosed cabinet with a lockable door. The generator shall be mounted on a slide out rail assembly for easy external servicing. The power source for the system shall be a commercial grade 4 stroke engine powered generator with a rated output sufficient to handle all projected and reasonably likely power requirements of the system. The engine shall be equipped with electrical starting control for local and remote start/stop operation and an engine protection system that shall automatically stop the engine if the coolant level or oil pressure is too low. The entire assembly shall be furnished with vibration isolators and a heavy duty industrial muffler to insure quiet operation.

### **3. System Engineering Panel**

The engineering panel shall provide central control and monitoring of the power supply to the system. The panel circuitry shall be assembled in a rack mountable chassis for installation in a built in 19" control console. The

panels face plate shall be heavy gauge aluminum finished with an industrial grade surface and shall have permanent labels designating the functions of the switches and controls. The Engineering Panel shall contain the following items:

- Remote generator Start/Stop
- Voltage readout
- AC frequency readout, hertz
- Generator hour meter
- Beacon switch w/indicator light

#### 4. Solid State Color Mainline Television Camera

The single or multi-conductor color mainline camera shall be specifically designed for operation through a minimum of 500 feet of multi conductor cable. Construction shall utilize circuitry designed to withstand the shocks and vibration normally sustained while being pulled through a pipe during television inspection. The image pickup device shall be a solid state CCD type incorporating the latest technology.

The camera shall be capable of providing a minimum of 300 lines of horizontal resolution and 400 lines of vertical resolution. The camera shall be equipped with a wide angle lens, with an optical viewing angle to 70 degrees, and shall provide an acceptable picture at light intensities between approximately 3 and 10,000 Lux.

#### 5. Solid State Color Mainline Color Camera Protective Housing

The camera shall be housed in a high strength aluminum, alloy, or steel tube, approximately 3 inches in diameter by 22 inches in length. The housing shall have a 1/8 inch minimum thickness, with the front of the housing incorporating a view-port of impact-resistant, distortion free glass. The rear of the camera housing shall have a protective bell to protect the cable connector. There shall be no external mechanical adjustment parts on the camera housing. A lens cover shall be provided to protect the camera view-port. Camera specification minimums are:

a. Picture elements	768 H x 494 V = 379,392 elements (pixels)
b. Supplied Lens	6 mm (F1.2) (Auto iris with manual override OPTIONAL)
c. Lens Mount	Standard "C" mount
d. System standard	NTSC color 525 lines, 60 fields/second
e. Resolution Lines	300 horizontal / 400 vertical
f. S/N ratio	48 db
g. Minimum illumination	3 lux (F1.2)
h. Illumination Range	3 - 10,000 lux, 1 - 1,000 ft-candles
i. Color temperature	Auto: 2,100 degree K - 10,000 degrees K
j. Video output	1.0 volt p-p 75 Ohms
k. Vibration	76 (11 Hz to 200 Hz)
l. Shock	70G

#### 6. Power Control Unit (PCU) -Multi Conductor (M/C)

The PCU shall provide all the necessary power and control to operate and monitor the television inspection system. Circuits shall be assembled in a rack mountable chassis for installation in a built in 19 inch control console. The faceplate shall have permanent labels designating the function or purpose of all the switches, meters and controls. The PCU shall have a back panel for all locking cable connectors and permanently labeled as to its purpose. The PCU shall, at a minimum, be equipped with the following remote camera adjustments:

- a. Focus Control: A two pole switch permits the operator to adjust the camera focus for changes in pipe diameter or different views of defect conditions.
- b. Automatic Iris Override Control: This control allows the operator to override the camera's automatic light compensating circuitry operating range if an excess or lack of light yield poor picture quality. (OPTIONAL)

#### 7. 14 Inch Minimum Color Industrial Video Monitor

The video monitor shall be a high quality, industrial grade color unit providing a minimum of 400 lines of horizontal resolution. Scanning shall be 525 lines, 60 fields, 30 frames, interlaces 2:1 NTSC color standard. The monitor shall be in a housing that acts as a shield to minimize the effects of local magnetic fields such as transformers, coils or cables. The monitor shall be equipped with a speaker to allow for audio playback from a video recorder.

## 8. Data Display System

A data display system shall be provided that displays pipeline conditions, with the distance footage location of the camera in the pipe on the monitor screen and permanently on the video recording media. The data display system shall be designed so the information may be stored on a hard disk drive or removable media for print out in the unit or in an office location. The data display system shall permit the input of alpha-numeric information. The footage distance of the camera shall be automatically accessed from the electronic footage meter.

The data display system be assembled in a rack mountable chassis designed for installation in a built in 19 inch control console. The face plate shall be finished with an industrial grade surface and the back plate shall be separately labeled as to the purpose of all the locking cable connections. The system shall include a standard "QWERTY" keyboard to allow easy entry of information by the operator from the control console. In addition a color inkjet printer shall be provided for printing an on-screen data report. The interface between the data recorder and the computer shall be through a compatible port. The data display system shall have the following features:

- a. System shall be menu driven to provide the operator with all the necessary on screen instruction.
- b. A minimum of 50 pipeline, service connections and manhole defect codes shall be available.
- c. Footage shall be displayed on LED readout as well as the TV screen.
- d. A blank screen shall be available at any time for recording free formatted alpha-numeric information.
- e. Select video character brightness shall be adjustable (full range white to black).

The system shall be menu driven to provide the operator with all the necessary on screen instructions, including:

- a. Owner, company, contact numbers, job identification, et cetera.
- b. Date and clock time
- c. Operator identification
- d. Manhole identification (upstream and downstream)
- e. Street address
- f. Pipe type and diameter
- g. Manhole depth
- h. Video tape number and starting index
- i. Starting Footage and TO/AWAY Designation
- j. (2) format comment lines

The system shall include a full screen instruction guide (menu) for the operator to enter the desired information while operating the keyboard. The footage count direction (to or away from vehicle) shall allow the system to count footage from 0 to maximum regardless of whether the camera is being moved to the vehicle from the remote manhole or away from the vehicle to the remote manhole. The footage preset shall allow the operator to input the distance from the center of the manhole to the focal point of the camera. A footage memory circuit shall be included which prevents the loss of any information in the event the onboard power supply is interrupted. When the power is resumed, the complete information display shall reappear on the screen.

## 9. Reports

The software will be capable of printing an inspection report, to a printer and/or removable media, to include:

- Footage
- Name and nature of condition/defect
- Clock position of condition/defect
- Full comments made during inspection

## 10. Personal Computer with Rack Mount and Printer (OPTIONAL)

The system shall include a rack-mounted personal computer with a full "QWERTY" keyboard to allow easy entry of information by the operator from the control console. The computer shall sufficient ports compatible with other supplied peripheral devices, and shall come with the latest appropriate operating system.

The desk top color printer shall be capable of reproducing captured color or black & white video inspection reports as well. Printer resolution shall be a minimum of 600 X 300 dpi color. Memory shall be a minimum of 512K.

## 11. Digital Image Capture System (OPTIONAL)

A digital image capture system shall be provided. The system shall be a rugged rack mounted video titling/data acquisition system which has the capability of digitizing and storing single frames of video images as well as

collecting, storing and printing pipe line inspection data for display and report generation. It shall be capable of printing pipeline inspection reports with captured images of defects or other related significant visual information on standard color printer located in the inspection truck.

Selected digitized picture image shall be file compressed and stored on the system controller's hard disk drive. The compressed picture files shall be stored in a JPEG format and transferable by floppy to an external personal computer utilizing standard JPEG viewers and printers. Any captured image shall be able to be printed on the ink jet color printer in the inspection truck.

The system software shall be an MS Windows based data acquisition system incorporating Windows ODBC standard data base format. Inspection files shall be able to be exported into other databases and other computers

## 12. Recording System

An industrial grade video recording system shall be provided to permanently record any selected video transmission from the closed-circuit television system. The video recorder shall be installed in a rack mountable chassis assembly for installation in a built in 19 inch control console. **Desk mounted equipment that is subject to damage during travel shall not be acceptable.** A desk mounted flexible gooseneck microphone for adding audio to the video recordings shall be provided.

## 13. Multi Conductor TV Cable Reel Assembly

An electric or hydraulic powered single or multiTV cable reel assembly shall be supplied capable of a 500 feet operational capacity of Kevlar fiber, or comparable, armored video cable. The reel shall be chain driven and properly reinforced to withstand 200% of the maximum motor torque to insure trouble-free operation. The reel shall be powered by a variable speed electric motor and driven through a multi-gear ratio transmission with conveniently located controls. The reel shall be equipped with an automatic level wind assembly to evenly pay out or rewind the TV cable thus preventing pile-ups and entanglements.

## 14. TV Cable Reel Assembly Controller

The TV cable reel assembly shall be capable of operation from either the control panel at the front of the TV cable reel assembly or a single combined controller furnished to operate either the TV cable reel or power winch motor. It shall be designed for mounting at the control console in an angular rack mount frame. The controller shall be equipped with an ON/OFF switch, an ON indicator light, Forward/Reverse switch and speed control with automatic OFF positioning for safety when the operator releases the speed control. A gear shift selector shall be provided at the control console to operate the reel mounted multi gear transmission.

## 15. Footage Meter Assembly

A footage meter assembly shall be provided to accurately measure movement of the TV camera in the pipeline. The footage meter assembly shall be capable of bi-directional measurements in increments feet and tenth of feet. The footage meter assembly shall be equipped with mechanical counter having reset capability for use at the rear of the vehicle. An electronic counting device shall be provided which provides measurement information to the data view display at the operator's control console. Footage meter assembly accuracy shall be +/- 1.0%.

## 16. Low Profile High Performance Small Pipe Lighthouse (OPTIONAL)

A low profile high performance lighthouse shall be furnished to provide the proper illumination to inspect a minimum of 6 inch pipe. The lighthouse shall include a field replaceable light cartridge. The lighthouse shall be constructed of high strength materials, preferably scratch resistant. A cable assembly shall be furnished to connect the lighthouse assembly to the main cable connector. All male and female connectors shall be water-tight.

## 17. Camera Transportation Skids for 8 – 15 Inch Pipe Sizes (OPTIONAL)

A transportation skid assembly shall be provided for use in 8 inch through 15 inch diameter pipes. An aluminum, alloy, or steel yoke assembly shall firmly grip the camera while providing maximum protection to the camera. Two corrosion resistant bottom skid runners shall be provided to tow the camera through the line section. The bottom skid runners shall be designed to provide a natural lift when encountering pipe offsets and obstructions. The bottom skid runners shall allow insertion of the camera tow cables. Top skid runners shall be provided that attach to the yoke assembly to protect the camera from severe offsets and protruding laterals. The bottom and top skid runners shall be machined to a round and smooth contour to minimize fouling from

offsets and debris in the sewer lines. The camera skid assembly shall be adjustable to inspect pipe sizes from 8 inches to 15 inches by substituting spacer plates, which shall be included in Base Unit price.

#### **18. Camera Transportation Skids for 6 Inch Pipe (OPTIONAL)**

A low profile transportation skid(s) assembly shall be provided for use in 6 inch pipe. Each set of skids shall have an inside lining of a high friction cushion material to firmly grip the camera housing while providing maximum protection to the camera and it's housing.

#### **19. Self-Propelled Transporter**

The system shall be equipped with a self-propelled, multi conductor camera transporter. It shall operate through a minimum of 500 feet of multi-conductor cable. The transporter shall be designed to operate with multiple type cameras and allow for additional lighting as necessary to inspect pipe sizes beginning at a minimum diameter of 6 inches. Width adjustment shall be easily accomplished.

The transporter shall incorporate a drive system designed to match the contour of the pipe to insure maximum traction regardless of the pipe size. The heavy duty drive motor shall be specifically designed to meet all power requirements of the system. The speed and direction of the transporter shall be controlled from the control console.

(OPTIONAL) The transporter shall be equipped to automatically disengage the drive system, permitting the transporter to free wheel in the reverse direction. This designed feature shall facilitate easy retrieval of the transporter from the pipe using the TV cable reel. The controller shall be designed for mounting in a panel.

The controller shall be equipped with an ON/OFF switch, an ON indicator light, a directional switch to control the Forward (and Freewheel Reverse, if applicable) movement of the transporter and a speed control with automatic OFF positioning for safety when the operator releases the speed control. **The transporter and camera assembly shall be designed so the camera can be used independently from the transporter with standard towing skids, or a winch assembly when necessary.**

A retrieval tool will be supplied for skids and/or transporter. This device will allow placement or retrieval of camera, skids and/or transporter without the need to enter the manhole.

#### **20. Cable Manhole Guide System**

The necessary pulley assemblies shall be furnished to protect the TV cable and winch cable from damage during television inspection. They shall be constructed of aluminum to minimize weight and be equipped with corrosion resistant pulleys.

Extension poles shall be supplied to connect to the down-hole roller cable guides. Manhole adapter hooks shall be supplied to secure the guide system to the manhole ground rim. A manhole top roller assembly shall be supplied to guide the cables into the manhole. The complete cable manhole guide system shall be designed for quick installation from above the ground. Rear vehicle door mounted storage brackets for poles, invert rollers and manhole top roller assembly with appropriate WARNING/SAFETY signs shall be provided.

#### **21. TV Maintenance Tool Box**

A tool kit containing sets of tools necessary to field test, adjust and repair components must be included.

#### **22. Options**

Where available, Offeror shall price options upgrades above the Base Unit, including different van sizes and/or configurations and trailer mounted options.

### **H. Miscellaneous Sewer Equipment**

The Base products for Miscellaneous Sewer Equipment must be listed on **Form D**. This is an array of various sewer/pipeline equipment that do not necessarily fall within the various A thru G Base Products. These base products can be anything related to the specification documents SCOPE such as software or stand-alone crawlers and cameras. These base items should be large enough in scope that they are not optional or upgraded equipment to be listed on **Form E**.

**I. Miscellaneous Sewer Cleaning Services**

The Base Sewer Cleaning Services must be listed on **Form D**. These Services shall be priced per lineal foot and the services shall be fully inclusive within that lineal footage price. All expenses incurred by the Contractor for service performed such as; travel, weather delays, fuel, per diem, etc. must be a part of the lineal footage price.

**Debriefing**

Requests for a debriefing must be made in writing to [jasmine.wilson@h-gac.com](mailto:jasmine.wilson@h-gac.com) within 5 days of board approval. H-GACE reserves the right to not conduct debriefings if the requests are made after that time. This procedure is NOT available to respondents who did not participate in selected ITBs or RFPs, to non-responsive or non-timely Respondents/Bidders, or when all proposals/bids are rejected

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**This is the end of Section B: Product Specific Requirements  
For questions regarding this Invitation, please contact:**

**Jasmine Wilson  
Ph: 713-993-4554  
Fax: 713-993-4548  
Email: [Jasmine.Wilson@h-gac.com](mailto:Jasmine.Wilson@h-gac.com)**





## SECTION C - H-GAC FORMS

(Rev 03/21/2017)

### For Use In Responding To Competitive Bid And Proposal Invitations

Invitation No.: SC01-21

Title: Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services

This Section contains the following **H-GAC FORMS**.

FORM	DESCRIPTION
Form A:	Offeror Identification and Authorized Signatory
Form B:	Historically Underutilized Business Enterprises
Form C:	Response Checklist
Form D:	Pricing
Form H:	Marketing Plan
Form W-9:	Request for Taxpayer Identification Number and Certification
Form CIQ:	Conflict of Interest Questionnaire
Form 1295	Certificate of Interested Parties
CCI	Contractor Contact Information
HB 89	Prohibition on Contracts with Companies Boycotting Israel

These *FORMS* are hereby made available in electronic format. They should be copied to Offeror's computer for completion and/or printout as required. The *FORMS* **may not** be changed or altered in any way, except as may be specified on the *FORM*.

**ALL** completed *FORMS* must also be submitted electronically on electronic media (DVD, CDROM, flash/thumb drive), excepting of course for signatures. The printed "Original" of the response will be considered as the official copy in case of any discrepancy between the electronic version and the printed Original.

**( At this time, Submissions will be completed online-see HGACBuy website.)**

**FORM A - OFFEROR IDENTIFICATION & AUTHORIZED SIGNATORY**  
**(DO NOT handwrite this Form. Information must be typed in.)**

Invitation No.: SC01-21

**Invitation Title:** Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services

**Offeror Company:** \_\_\_\_\_

(Legal name of business which will appear on contract, if awarded)

**Offeror Status:**  **Manufacturer**       **Dealer/Distributor**       **Other**

**Response Type(1):**  **Single Offeror Acting Alone Or As Lead**       **Multiple Offerors Acting Jointly**

**Contract Signatory(2):** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Mailing Address(3):** \_\_\_\_\_

Street/PO Box

City

State & Zip

**Physical Address:** \_\_\_\_\_

Street

City

State & Zip

**Phone:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

**Federal Tax ID No.:** \_\_\_\_\_

**Web Page URL:** \_\_\_\_\_

(1) If Joint Offering, all parties must submit a signed Form A. A contract will be offered to each.

(2) Person who will sign final contract documents if an award is made.

(3) Address to which final contract documents would be sent for signature.

**Member Contact Information**

**Contact Person(4):** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Mailing Address:** \_\_\_\_\_

Street/PO Box

City

State & Zip

**Physical Address:** \_\_\_\_\_

Street

City

State & Zip

**Toll Free Phone:** \_\_\_\_\_

**Fax:** \_\_\_\_\_

**Email Address:** \_\_\_\_\_

(4) Person who End Users will contact for product information and to get pricing quotes.

**The Signatory below, on behalf of Offeror:**

- Acknowledges having thoroughly reviewed the Invitation;
- Attests to having the authority to sign this response and commit Offeror to honor all requirements;
- Makes, under penalty of perjury, all required Offeror Certifications as detailed in General Terms;
- Certifies that all information provided in this Response is true and correct.

**Signature:** \_\_\_\_\_

**Title:** \_\_\_\_\_

**Printed Name:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Title:** Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services

**Offeror:** \_\_\_\_\_

HUB Status Of Offeror	
<input type="checkbox"/> Offeror is a HUB, as detailed below.	<input type="checkbox"/> Offeror is not a HUB.
Designation(s):	<input type="checkbox"/> HUB <input type="checkbox"/> DBE <input type="checkbox"/> MBE <input type="checkbox"/> WBE <input type="checkbox"/> Other <input style="width: 150px;" type="text"/>
*Certifying/Listing Authority(s): <input style="width: 95%; height: 20px;" type="text"/>	

**\* Note:** The terms "Certified" and "Listed" as used in conjunction with HUB programs relate to the process of HUB qualification review. Jurisdictions usually require that companies claiming HUB status be reviewed and confirmed as meeting certain minimum requirements to claim that status, and that the review and confirmation process be carried out by certain designated entities.

Members of HGACBuy are subject to various requirements relative to purchasing goods and services from Historically Underutilized Business Enterprises (HUBs)(See Note 1). These requirements are promulgated by federal and state governmental authorities, and include measureable criteria such as "percentage of total dollars spent directed to HUBs", "number of HUB contractors used", "HUB subcontractors employed by primary contractors", etc. These requirements are generally formalized in goal oriented programs.

Offeror agrees to work with and assist HGACBuy members in meeting HUB targets and goals, as may be required by any rules, processes or programs they might have in place. Such assistance may include such things as compliance with reporting requirements, provision of documentation, consideration of Certified/Listed subcontractors, provision of documented evidence that an active participatory role for a HUB entity was considered in a procurement transaction, etc.

Accepted and Agreed By (Name):	
Title:	Date:

Subcontracts	
On a separate sheet, list any subcontractors that would be employed in providing products or services related to this solicitation. Include the following information for each subcontractor:	
a. Company Name	
b. Address	
c. Phone number	
d. Applicable HUB designation/certification (DBE, MBE, etc.)	
e. Type of work subcontractor has been certified to perform as a HUB. Firm must be certified in a North American Industry Classification System (NAISC) code applicable to the kind of work the firm would perform on the contract.	
<input type="checkbox"/> Subcontractor List attached.	<input type="checkbox"/> No Subcontractors will be used.

**Title:** Sewer Cleaning, Hydro-Excavating, Inspection Equipment and Miscellaneous Services

**Offeror:** \_\_\_\_\_

This *FORM* is provided to help insure that all required Response elements have been completed and included, or certified as being available upon request. **Responses that do not comply with all requirements may be considered non-responsive.** Offeror's signatory must review each item below, and certify by initialing in the space to the right.

**This Response Includes:**

**Init.**

- |    |  |  |
|----|--|--|
| 1  | A <b>COMPLETE</b> submission, including all required <i>FORMS</i> , <b>( At this time, Submissions will be completed online-see HGACBuy website.)</b>  |  |
| 2  | A copy of the <b>COMPLETE</b> submission, including all required <i>FORMS</i> , in <b>electronic format</b> (CD, DVD, flash drive). <b>Note: All Forms (A-H) must be submitted in an excel format.</b> |  |
| 3  | An originally signed <b>Form A</b> from all entities who are party to this submission and who should be offered a contract if this submission is successful.   |  |
| 4  | The required list of <b>References</b> .   |  |
| 5  | Details of " <b>Service Organization</b> ", including locations, hours, personnel and parts/service availability. (Applies to hard goods only.)  |  |
| 6  | Complete <b>Warranty Documentation</b> for all Products offered.   |  |
| 7  | The manufacturer's latest <b>Specification Documents</b> detailing standard features, operating characteristics, etc., for all products offered.   |  |
| 9  | <b>Forms-- A, B, C, D, E, H (EXCEL FORMAT) 1295, W-9, CIQ, HB89, CCI</b>   |  |
| 10 | If the <b>Non-Resident Reciprocal Bid Act</b> applies, a copy of your state statute and a determination of the status of Texas bidders/proposers in your home state. If not applicable, indicate "N/A" |  |
| 11 | If offer includes motor vehicles to be sold in Texas, copies of all current licenses as required by the Texas Motor Vehicle Commission.  |  |

FORM D - OFFERED ITEMS PRICING

INSTRUCTIONS: Fill in price column only. Shaded columns for H-GAC use only.

No changes/modifications to Form D will be accepted and will result in bid item being deemed non-compliant.

Offeror Name:									
Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
<b>A. Sewer Cleaners, Centrifugal Compressor Fan Type, For Truck Mounting</b>									
SC01-20	Vac-Con	SC21A001	Combination Sewer Cleaner, 3 yd Debris Body, Single Engine						
SC01-20	Vac-Con	SC21A002	Combination Sewer Cleaner, 9 yd Debris Body, Dual Engine						
SC01-20	Vac-Con	SC21A003	Combination Sewer Cleaner, 9 Yd Debris Body, Single Engine						
SC01-20	Vactor	SC21A004	Series 2100 Plus, Model 2110, 10 Yd Debris Body, Single Engine						
SC01-20	Vactor	SC21A005	Series 2100 Plus, Model 2112 12 yd Debris Body Single Engine						
SC01-20	Vactor	SC21A006	Series 2100 Plus, Model 2115 15 yd Debris Body Single Engine						
<b>B. Sewer Cleaners, Positive Displacement Type, For Truck Mounting</b>									
SC01-20	GapVax	SC21B001	Model MC 1005, 1000 gallon water 5 yd3 debris body, single engine						
SC01-20	GapVax	SC21B002	Model MC 1007, 1000 gallon water 7 yd3 debris body, single engine						
SC01-20	GapVax	SC21B003	Model MC 1510, 1500 gallon water 10 yd3 debris body, single engine						
SC01-20	GapVax	SC21B004	Model MC 1210, 1200 gallon water 10 yd3 debris body, single engine						
SC01-20	GapVax	SC21B005	Model MC 1012, 1000 gallon water 12 yd3 debris body, single engine						
SC01-20	GapVax	SC21B006	Model MC 1312, 1300 gallon water 12 yd3 debris body, single engine						
SC01-20	GapVax	SC21B007	Model MC 1204, 1200 gallon water 4 yd3 debris body, single engine						
SC01-20	GapVax	SC21B008	Model MC 1508, 1500 gallon water 8 yd3 debris body, single engine						
SC01-20	GapVax	SC21B009	Model MC 1511, 1500 gallon water 11 yd3 debris body, single engine						
SC01-20	GapVax	SC21B010	Model MC 2008, 2000 gallon water 8 yd3 debris body, single engine						
SC01-20	GapVax	SC21B011	Model MC1109, 1100 gallon water 9 yd3 debris body, single engine						
SC01-20	Hi-Vac	SC21B015	Aquatech Model B-6, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B015A	Aquatech Model B-6-875, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B016	Aquatech Model B-10, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B017	Aquatech Model B-10/1450, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B018	Aquatech Model B-12, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B019	Aquatech Model B-15, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21B021	Aquatech Model CB-10, Catch Basin Cleaning Vacuuming Machine (No Jet hose)						
SC01-20	Hi-Vac	SC21B022	Aquatech Model CB-15, Catch Basin Cleaning Vacuuming Machine (No Jet hose)						
SC01-20	PipeHunter	SC21B022A	Combination Sewer Cleaner 6" 3634PH6C 3Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022B	Combination Sewer Cleaner 6" 5634PH6C 5Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022C	Combination Sewer Cleaner 6" 7634PH6C 7Yd Debris Body, Single Engine						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	PipeHunter	SC21B022D	Combination Sewer Cleaner 6" 91034PH6C 9Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022E	Combination Sewer Cleaner 6" 121034PH6C 12Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022F	Combination Sewer Cleaner 8" 5635PH8C 5Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022G	Combination Sewer Cleaner 8" 7635PH8C 7Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022H	Combination Sewer Cleaner 8" 91035PH8C 9Yd Debris Body, Single Engine						
SC01-20	PipeHunter	SC21B022I	Combination Sewer Cleaner 8" 121035PH8C 12Yd Debris Body, Single Engine						
SC01-20	Super Products	SC21B023	Camel MAX 900 Combination PD Sewer Cleaner, 9 yd3 Dump Body Single Engine						
SC01-20	Super Products	SC21B024	Camel MAX 1200 Combination PD Sewer Cleaner, 12 yd3 Dump Body Single Engine						
SC01-20	Super Products	SC21B024A	Camel MAX 1200 Combination PD Sewer Cleaner, 12 yd3 Ejector Body Single Engine						
SC01-20	Super Products	SC21B024B	Camel MAX 1200 Combination PD Sewer Cleaner, 12 yd3 Ejector Body W/ Water Recycling Single Engine						
SC01-20	Vacall	SC21B025	AJV 610 - Sewer Cleaner, 1000 Gallon Water Tank - 6 yd. Debris Tank						
SC01-20	Vacall	SC21B026	AJV 810 - Sewer Cleaner, 1000 Gallon Water Tank - 8 yd. Debris Tank						
SC01-20	Vacall	SC21B027	AJV 812 - Sewer Cleaner, 1200 Gallon Water Tank - 8 yd. Debris Tank						
SC01-20	Vacall	SC21B028	AJV 1015 - Sewer Cleaner, 1500 Gallon Water Tank - 10 yd. Debris Tank						
SC01-20	Vacall	SC21B029	AJV 1215 - Sewer Cleaner, 1500 Gallon Water Tank - 12 yd. Debris Tank						
SC01-20	Vacall	SC21B030	AJVR 610 - Sewer Cleaner, 1000 Gallon Water Tank - 6yd. Debris Tank, Rear Boom & Hose Reel						
SC01-20	Vacall	SC21B031	AJVR 810 - Sewer Cleaner, 1000 Gallon Water Tank - 8yd. Debris Tank, Rear Boom & Hose Reel						
SC01-20	Vacall	SC21B032	AJVR 812 - Sewer Cleaner, 1200 Gallon Water Tank - 8yd. Debris Tank, Rear Boom & Hose Reel						
SC01-20	Vacall	SC21B033	AJVR 1015 - Sewer Cleaner, 1500 Gallon Water Tank - 10 yd. Debris Tank, Rear Boom & Hose Reel						
SC01-20	Vacall	SC21B034	AJVR 1215 - Sewer Cleaner, 1500 Gallon Water Tank - 12 yd. Debris Tank, Rear Boom & Hose Reel						
SC01-20	Vac-Con	SC21B035	Comb PD Sewer Cleaner, 9 yd3 Debris Body, Single Engine						
SC01-20	Vac-Con	SC21B036	Comb PD Sewer Cleaner, 9 yd3 Debris Body, Dual Engine						
SC01-20	Vactor	SC21B037	PD Series 2100 Plus, Model 2110, 10 yd3 Debris Body, Single Engine						
SC01-20	Vactor	SC21B038	PD Series 2100, Model 2103, 3 yd3 Debris Body, Single Engine						
SC01-20	Vactor	SC21B038A	Series 2100 Plus, Model 2112 12 yd Debris Body Single Engine						
SC01-20	Vactor	SC21B038B	Series 2100 Plus, Model 2115 15 yd Debris Body Single Engine						
SC01-20	Sewer Equipment Co.	SC21B039	Model 400-ECO 4 CUBIC YARD, PD						
SC01-20	Sewer Equipment Co.	SC21B040	Model 900-ECO, 6 CUBIC YARD, PD						
SC01-20	Sewer Equipment Co.	SC21B041	Model 900-ECO, 9 CUBIC YARD, PD						
SC01-20	Sewer Equipment Co.	SC21B042	Model 900-ECO, 12 CUBIC YARD, PD						
SC01-20	Sewer Equipment Co.	SC21B043	Model 900-ECO, 15 CUBIC YARD, PD						
	Kaiser Premier LLC	SC21B044	AquaStar Recycler, 12.8 Cubic Yard, (Liquid Ring). Combined Rear Boom Vacuum/Jetter						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-21	GPM Pump and Truck	SC21B045	Sewer Duck Model 603C Combination Machine, 600 Gallon, 3 Cu. Yd. Truck Mount						
<b>C. Jet Rodders, For Truck &amp; Trailer Mounting</b>									
SC01-20	Durand-Wayland	SC21C001	John Bean Jetters - Model No. SJ704020 - 700 gal., diesel 40 gpm @ 2000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C002	John Bean Jetters - Model No. SJ704030 - 700 gal., diesel 40 gpm @ 3000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C003	John Bean Jetters - Model No. BD351840 - 350 gal., diesel 18 gpm @ 4000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C004	John Bean Jetters - Model No. BD701840 - 700 gal., diesel 18 gpm @ 4000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C005	John Bean Jetters - Model No. SJ702540 - 700 gal., diesel 25 gpm @ 4000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C006	John Bean Jetters - Model No. SJS704020 - 700 gal., diesel 40 gpm @ 2000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C007	John Bean Jetters - Model No. SJS704030 - 700 gal., diesel 40 gpm @ 3000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C008	John Bean Jetters - Model No. BD351840 - 350 gal., diesel 18 gpm @ 4000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C009	John Bean Jetters - Model No. BD701840 - 700 gal., diesel 18 gpm @ 4000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C010	John Bean Jetters - Model No. SJS702540 - 700 gal., diesel 25 gpm @ 4000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C011	John Bean Jetters - Model No. SJ706520 - 700 gal, diesel 65 gpm @ 2000psi, Trailer Sewer Jet						
SC01-20	Durand-Wayland	SC21C012	John Bean Jetters - Model No. SJS706520 - 700 gal, diesel 65 gpm @ 2000psi, Truck Mount Sewer Jet						
SC01-20	Durand-Wayland	SC21C013	John Bean Jetters - Model No. SJS156520 - 1500 gal, PTO driven, 65gpm @ 2000psi, Truck Sewer Jet						
SC01-20	GapVax	SC21C014	Model GJET GapJet 1600 gallon						
SC01-20	GapVax	SC21C015	Model GJET GapJet, 2000 gallon						
SC01-20	GapVax	SC21C016	Model GJET GapJet, 2500 gallon						
SC01-20	GapVax	SC21C017	Model GJET GapJet, 3000 gallon						
SC01-20	GPM Pump and Truck	SC21C017A	Sewer Duck Model 1500 H Truck Mounted Sewer Jet						
SC01-21	GPM Pump and Truck	SC21C018	Sewer Duck Model 7040 Trailer Mounted Sewer Jet, 700 Gallon, 40 GPM/2000 PSI						
SC01-21	GPM Pump and Truck	SC21C018A	Sewer Duck Model 7040 Truck Mounted Sewer Jet, 700 Gallon, 40 GPM/2000 PSI						
SC01-20	Harben	SC21C019	Harben 4018 DTK 300 E-Series, 4000 psi, 18 gpm, single axle trailer, 300 gal. Non pivot reel						
SC01-20	Harben	SC21C020	Harben 4018 DTK 300 E-Series, 4000 psi, 18 gpm, single axle trailer, 300 gal. Wireless remote						
SC01-20	Harben	SC21C021	Harben 4018 DTK 300 E-45, 4000 psi, 18 gpm, single axle trailer, 300 gal. pivot reel						
SC01-20	Harben	SC21C022	Harben 4018 DTK 300 E-45, 4000 psi, 18 gpm, single axle trailer, pivot reel, wireless remote						
SC01-20	Harben	SC21C023	Harben 4018 DTK 350 E-180, 4000 psi, 18 gpm, 350 gal., 180 degree pivot reel, Single axle						
SC01-20	Harben	SC21C024	Harben 4018 DTK 350 E-180, 4000 psi, 18 gpm, 350 gal.,180 Pivot reel, single axle, wireless remote						
SC01-20	Harben	SC21C025	Harben 4018 DTK 600 ET-180, 4000 psi, 18gpm, 600 gal. tank, tandem axle trailer						
SC01-20	Harben	SC21C026	Harben 4018 DTK 600 ET-180, 4000 psi, 18gpm, 600 gal. tank, tandem axle trailer wireless remote						
SC01-20	Harben	SC21C027	Harben 4018 DSK 300 P, Skid Unit for Truck or Enclosure mounting, pullout pivot reel						
SC01-20	Harben	SC21C028	Harben 4018 DTK 600 P, Truck Mount Unit, 4000 psi, 18 gpm, 600 gal. pivot reel						

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SC01-20	Harben	SC21C029	Harben 4018 DTK 700 P, Truck Mount Unit, 4000 psi, 18 gpm, 700 gal. pivot reel						
SC01-20	Harben	SC21C030	Harben 4025 DTD 600 ETP, 4000 PSI, 25 GPM, 600 gallon tank, triple axle trailer, 5/8" x 500' hose						
SC01-20	Harben	SC21C031	Harben 4025 DPD 600 P, Truck Mount Unit, 4000 PSI, 25 GPM, 600 gallon tank, 5/8" x 500' hose						
SC01-20	Hi-Vac	SC21C034	Aquatech Model SJR-1500 Series - High Velocity, Truck Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C035	Aquatech Model F10, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C035A	Aquatech Model F10-1450, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C036	Aquatech Model F12, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C037	Aquatech Model F15, Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C038	Aquatech Model G12, Guardian Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C039	Aquatech Model BU10, Utility Combination Cleaning Vacuuming Machine						
SC01-20	Hi-Vac	SC21C040	O'Brien Model 7030-SC - Trailer Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C041	O'Brien Model 7040-SC - Trailer Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C042	O'Brien Model 7018-SC - Trailer Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C042A	O'Brien Model 7018-T - Truck Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C043	O'Brien Model 7030-T - Truck Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C043A	O'Brien Model 7040-T - Truck Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C044	O'Brien Model 3540-SC - Trailer Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C045	O'Brien Model 3518-SC - Trailer Mounted Sewer Jet						
SC01-20	Hi-Vac	SC21C046	O'Brien Model 3510-FC - Trailer Mounted Sewer Jet						
SC01-20	PipeHunter	SC21C047	Model - #3944 - Trailer Mounted Sewer Cleaner New Model#3744						
SC01-20	PipeHunter	SC21C048	Model - #7944 - Truck Mounted Sewer Cleaner New Model#7744						
SC01-20	RE Management Services, LLC.	SC21C049	ID-Tec Precision Water Jet Cutting System for 6 to 15inch pipe dia. consisting of: R125 tractor, WJ125 nozzle module, HA125 Milling module, CAM 125 CCTV mainline camera module, chemical root-control mixing unit, Gasoline powered High-pressure unit HDMP @500bar (7,250PSI), 400gal water tank, air compressor, 400ft pressure hose and Hybrid cable on electric reels, control unit, firmware, maintenance kit, complete installation into a suitable vehicle, 4-day training.						
SC01-20	RE Management Services, LLC.	SC21C050	ID-Tec Precision Water Jet Cutting System for 6 to 36inch pipe dia, consisting of: tractors, WJ nozzle modules, HA Milling modules, CCTV mainline camera modules, chemical root-control mixing unit, Diesel powered High-pressure unit HDM37 @1,000bar (14,500PSI), 400gal water tank, air compressor, 400ft pressure hose and Hybrid cable on electric reels, control unit, firmware, maintenance kit, complete installation into a suitable vehicle, 4-day training.						
SC01-20	RE Management Services, LLC.	SC21C051	ID-Tec Large Pipe Water Cleaning System, 3ft to 10ft pipe diameter, consisting of tractor, rotating cleaning module, cable and hose reels, pressure unit, control unit with firmware, 500gal water tank, maintenance kit, complete installation into a suitable vehicle, 3-day training.						



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SC01-20	Ring-O-Matic	SC21C052	550-Jetter Skid-Truck Mounted Sewer Jetter 500 Gal Water, 550 Gallon Debris, 27 GPM Jetter Pump, 81 HP Turbo Diesel Powered						
SC01-20	Ring-O-Matic	SC21C053	550-Jetter Trailer-Trailer Mounted Sewer Jetter 500 Gal Water, 550 Gallon Debris, 27 GPM Jetter Pump, 81 HP Turbo Diesel Powered						
SC01-20	Sewer Equipment Co.	SC21C054	Model 747-FR2000 Classic trailer jet, 700 gallon						
SC01-20	Sewer Equipment Co.	SC21C055	Model 747-FR2000 ECO trailer jet, 700 gallon						
SC01-20	Sewer Equipment Co.	SC21C056	Model 747-FR2000TV ECO trailer jet, 700 gallon						
SC01-20	Sewer Equipment Co.	SC21C057	Model 747-TK Classic truck jet, 700 gallon						
SC01-20	Sewer Equipment Co.	SC21C058	Model 747-TK ECO Truck Jet, 700 Gallon						
SC01-20	Sewer Equipment Co.	SC21C059	Model 747-TK TV ECO Truck Jet, 700 Gallon						
SC01-20	Sewer Equipment Co.	SC21C060	Model 545						
SC01-20	Sewer Equipment Co.	SC21C061	Mongoose Model 123						
SC01-20	Sewer Equipment Co.	SC21C062	Mongoose Model 123-V						
SC01-20	Sewer Equipment Co.	SC21C063	Mongoose Model 184						
SC01-20	Sewer Equipment Co.	SC21C064	Mongoose Model 184-TK						
SC01-20	Sewer Equipment Co.	SC21C065	Mongoose Model 184-ETK						
SC01-20	Sewer Equipment Co.	SC21C066	Mongoose Model 184-VS						
SC01-20	Sewer Equipment Co.	SC21C067	Mongoose Model 184-VR						
SC01-20	Sewer Equipment Co.	SC21C068	Mongoose Model 254						
SC01-20	Sewer Equipment Co.	SC21C069	Mongoose Model 254-ETK						
SC01-20	Sewer Equipment Co.	SC21C070	Mongoose Model 254-TK						
SC01-20	Sewer Equipment Co.	SC21C071	Mongoose Model 402						
SC01-20	Sewer Equipment Co.	SC21C072	Mongoose Model 402-TK						
SC01-20	Sewer Equipment Co.	SC21C073	Model 800-HPRTV ECO truck jet, 1500 gallon						
SC01-20	Sewer Equipment Co.	SC21C074	Model 800-HPR ECO truck jet, 1500 gallon						
SC01-20	Sewer Equipment Co.	SC21C075	Model 800-H ECO truck jet, 1500 gallon fxd reel						
SC01-20	Sewer Equipment Co.	SC21C076	Model 800-HF ECO truck jet, 1500 gallon						
SC01-20	SRECO	SC21C077	HV100TR/L, Trailer Mounted, 600 Gal, 2000 psi						
SC01-20	SRECO	SC21C078	HV2000TM, Truck Mounted, 1000 Gal, 2000 psi						
SC01-20	SRECO	SC21C079	SW2000TM, Truck Mounted						
SC01-20	SRECO	SC21C080	HV2000 Skid, El Paso Style						
SC01-20	Super Products	SC21C081	SuperJet Truck Mounted sewr Jet 1600-Gallon						
SC01-20	Trojan Tool	SC21C082	BTB Series Trailer Jetter, Single Axle 150 gallon tank, manual reel 300' x 3/8" hose, 7-8 gpm						
SC01-20	Trojan Tool	SC21C083	TB Series Trailer Jetter, Single Axle 150 gallon tank, 12 volt DC reel 300' x 3/8" hose, 7-8 gpm						
SC01-20	Trojan Tool	SC21C084	STB Series Trailer Jetter, Single Axle 300 gallon tank, 12 volt DC reel 400' x 1/2" hose, 11 gpm						

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SC01-20	U.S. Jetting	SC21C085	Model # 4016-300 Eco, Trailer Mounted Sewer Jet, Single Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C086	Model # 4010-200, Trailer Mounted Sewer Jet, Single Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C087	Model # 4018-300 SE, Trailer Mounted Sewer Jet, Single Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C088	Model # 4018-300, Trailer Mounted Sewer Jet, Single Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C089	Model # 4018-600, Trailer Mounted Sewer Jet, Tandem Axle, Pullout Reel						
SC01-20	U.S. Jetting	SC21C090	Model # 4025-600, Trailer Mounted Sewer Jet, Tandem Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C091	Model # 2040-750, Trailer Mounted Sewer Jet, Tandem Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C092	Model # 3040-750, Trailer Mounted Sewer Jet, Tandem Axle, Piv Reel						
SC01-20	U.S. Jetting	SC21C093	Model # 4018-300, Truck Mounted Sewer Jet, Pullout Reel w/Flatbed						
SC01-20	U.S. Jetting	SC21C094	Model # 4018-600, Truck Mounted Sewer Jet, Pullout Reel w/Flatbed						
SC01-20	U.S. Jetting	SC21C095	Model # 4025-600, Truck Mounted Sewer Jet, Pullout Reel w/Flatbed						
SC01-20	U.S. Jetting	SC21C096	Model # 4018-600 SKD, Skid Unit to be mounted on Truck Chassis by Customer						
SC01-20	U.S. Jetting	SC21C097	Model # 4025-600 SKD, Skid Unit to be mounted on Truck Chassis by Customer						
SC01-20	U.S. Jetting	SC21C098	Model # 3040-750 SKD, Skid Unit to be mounted on Truck Chassis by Customer						
SC01-20	U.S. Jetting	SC21C099	Model # 4018-300 SKD, Skid Unit to be mounted on Truck Chassis by Customer						
SC01-20	U.S. Jetting	SC21C100	Model # 2065-750, Trailer Mounted Sewer Jet, Tandem Axle, Piv. Reel						
SC01-20	Vac-Con	SC21C101	HS-1000 Truck Mounted Jet Rodding Machine, 1000 Gal						
SC01-20	Vac-Con	SC21C102	HS-1600 Truck Mounted Jet Rodding Machine, 1600 Gal						
SC01-20	Vactor	SC21C103	Model Ramjet 850, Truck mounted Jetter, 1000 gallons of water.						
SC01-20	Vactor	SC21C104	Model Ramjet 850, Truck mounted Jetter, 1500 gallons of water.						
SC01-20	Vactor	SC21C105	Model Ramjet 850, Truck mounted Jetter, 2000 gallons of water.						
SC01-20	Vactor	SC21C106	Model Ramjet 1840, 300 gallon trailer mounted sewer cleaner with run dry pump rated at 18 gpm at 4000 psi.						
SC01-20	Vactor	SC21C107	Model Ramjet 3030, 750 gallon trailer mounted sewer cleaner with run dry pump rated at 30 gpm at 2000 psi						
SC01-20	Vactor	SC21C108	Model Ramjet 4020, 750 gallon trailer mounted sewer cleaner with run dry pump rated at 40 gpm at 2000 psi.						
<b>D. Hydro Excavators, Truck &amp; Trailer Mounted</b>									
SC01-20	Economy Drilling Solutions (EDS)	SC21D001	Lo-K-Tor - Model 800 HVE Trailer Mounted Hydro/Vacuum Excavating System - 800 gal. Debris tank, positive displacement vacuum system @ 26" Hg with reversing feature, 300 gal. Water system with high pressure wand. NO CDL REQUIRED						
SC01-20	GapVax	SC21D002	Model VHE 1005 Hydro Excavator, 1000 gal water, 5 yd3 debris						
SC01-20	GapVax	SC21D003	Model VHE 1007 Hydro Excavator, 1000 gal water, 7 yd3 debris						
SC01-20	GapVax	SC21D004	Model VHE 1510 Hydro Excavator, 1500 gal water, 10 yd3 debris						
SC01-20	GapVax	SC21D005	Model VHE 1012 Hydro Excavator, 1000 gal water, 12 yd3 debris						
SC01-20	GapVax	SC21D006	Model VHE 1312 Hydro Excavator, 1300 gal water, 12 yd3 debris						

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SC01-20	GapVax	SC21D007	Model VHE 1511 Hydro Excavator, 1500 gallon water, 11 yd3 debris						
SC01-20	GapVax	SC21D008	Model HV-55 wet/dry hydro excavator 1000 gallon water, 12yd3 debris						
SC01-20	GapVax	SC21D009	Model HV-56 wet/dry hydroexcavator 1000 gal water, 15 yd3 debris						
SC01-20	GapVax	SC21D010	Model VHE 1110 Hydro Excavator, 1100 gal water, 10 yd3 debris						
SC01-20	GapVax	SC21D011	Model VHE 1113 Hydro Excavator, 1100 gal water, 13 yd3 debris						
SC01-20	GapVax	SC21D012	Model HV-44 wet/dry Hydro Excavator 400 gal water, 12 € yd3 debris						
SC01-20	GapVax	SC21D013	Model HV-44 wet/dry Hydro Excavator 1000 gal water, 12 € yd3 debris						
SC01-20	GapVax	SC21D014	Model HV-44 wet/dry Hydro Excavator 1200 gal water, 12 € yd3 debris						
SC01-20	GapVax	SC21D015	Model HV-33 wet/dry Hydro Excavator 600 gal water, 6y d3 debris						
SC01-20	GapVax	SC21D016	Model HV-55 wet/dry Hydro Excavator 600 gal water, 12 yd3 debris						
SC01-20	GapVax	SC21D017	Model HV-55 wet/dry Hydro Excavator 1200 gal water, 12 yd3 debris						
SC01-20	Hi-Vac	SC21D018	(X-vac) Model X-12 – Truck Mounted Vacuum Hydro Excavator						
SC01-20	Hi-Vac	SC21D019	(X-vac) Model X-8 – Truck Mounted Vacuum Hydro Excavator						
SC01-20	Hi-Vac	SC21D020	(X-vac) Model X-13 – Truck Mounted Vacuum Hydro Excavator						
SC01-20	Hi-Vac	SC21D023	(X-vac) Model X-15 – Truck Mounted Vacuum Hydro Excavator						
SC01-20	Industrial Systems, Inc	SC21D024	Model 550 Cyclone-Vac - Hydro Excavator, 500 Gallon Debris Tank, 200 Gallon Water Tank						
SC01-20	Industrial Systems, Inc	SC21D025	Model 850 Cyclone-Vac - Hydro Excavator, 800 Gallon Debris Tank, 200 Gallon Water Tank						
SC01-20	Industrial Systems, Inc.	SC21D026	Model EC100 Cyclone-Vac - Hydro Excavator, with 100 gallon vacuum tank and 60 gallon water tank. No CDL licenses required						
SC01-20	Industrial Systems, Inc.	SC21D027	Model 300 Power Plant Hydro-Vacuum Excavator with 300 gallon vacuum tank & 250 gallon water tank						
SC01-20	Industrial Systems, Inc	SC21D028	Model 150 Incline-Vac, Hydro-Excavator, 150 gallon debris tank, 150 gallon water tank. No CDL licenses required						
SC01-20	Industrial Systems, Inc	SC21D029	Model 250 Incline-Vac, Hydro-Excavator, 250 gallon debris tank, 200 gallon water tank. No CDL licenses required						
SC01-20	Industrial Systems, Inc.	SC21D030	Model EC150 Incline-Vac Hydro-Vacuum Excavator with 150 gallon vacuum tank and 60 gallon water tank. No CDL licenses required						
SC01-20	Pacific Tek	SC21D031	Model PV 100						
SC01-20	Pacific Tek	SC21D032	Model PV 220						
SC01-20	Pacific Tek	SC21D033	Model PV 250						
SC01-20	Pacific Tek	SC21D034	Model PV 350						
SC01-20	Pacific Tek	SC21D035	Model PV 500						
SC01-20	Pacific Tek	SC21D036	Model PV 800						
SC01-20	Pipe Hunter	SC21D037	Trailer Mounted Hydro-Excavator						
SC01-20	PipeHunter	SC21D038	33315 PH6HX Truck Mounted Hydro Excavator 3YD Debris 300 Gallon Water						
SC01-20	PipeHunter	SC21D039	56315 PH8HX Truck Mounted Hydro Excavator 5YD Debris 300 Gallon Water						

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SC01-20	Ring-o-Matic	SC21D040	VL150 Skid-Truck Mounted Hydro Excavator 100 Gal Water,150 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D041	VL150 Trailer Trailer Mounted Hydro Excavator 100 Gal Water,150 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D042	V-275 Skid-Truck Mounted Hydro Excavator 100 Gal Water, 250 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D043	VL275 Trailer Trailer Mounted Hydro Excavator 100 Gal Water, 250 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D044	VL350 Skid-Truck Mounted Hydro Excavator, 100 Gal Water, 350 Gallon Debris, Gas Powersd						
SC01-20	Ring-o-Matic	SC21D045	VL350 Trailer-Trailer Mounted Hydro Excavator, 100 Gal Water, 350 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D046	VL550 Skid-Truck Mounted Hydro Excavator, 200 Gal Water, 550 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D047	VL550 Trailer-Trailer Mounted Hydro Excavator, 200 Gal Water, 550 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D048	VL850 Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 800 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D049	VL850 Trailer-Trailer Mounted Hydro Excavator, 500 Gal Water, 800 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D050	VL1300 Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 1300 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D051	VL1300 Trailer-Trailer Mounted Hydro Excavator, 500 Gal Water, 1300 Gallon Debris, Gas Powered						
SC01-20	Ring-o-Matic	SC21D052	150-STD Skid-Truck Mounted Hydro Excavator, 100 Gal Water, 150 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D053	150-STD Trailer-Trailer Mounted Hydro Excavator, 100 Gal Water, 150 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D054	275-STD Skid-Truck Mounted Hydro Excavator, 100 Gal Water, 250 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D055	275-STD Trailer-Trailer Mounted Hydro Excavator, 100 Gal Water, 250 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D056	550-STD Skid-Truck Mounted Hydro Excavator, 200 Gal Water, 550 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D057	550-STD Trailer-Trailer Mounted Hydro Excavator,200 Gal Water, 550 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D058	550-HCFM Skid-Truck Mounted Hydro Excavator, 200 Gal Water, 550 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D059	550-HCFM Trailer-Trailer Mounted Hydro Excavator,200 Gal Water, 550 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D060	850-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 800 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D061	850-STD Trailer-Trailer Mounted Hydro Excavator ,500 Gal Water, 800 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D062	850-HCFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 800 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D063	850-HCFM Trailer-Trailer Mounted Hydro Excavator,500 Gal Water, 800 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D064	1300-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 1300 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D065	1300-STD Trailer-Trailer Mounted Hydro Excavator ,500 Gal Water, 1300 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D066	1300-HCFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 1300 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D067	1300-HCFM Trailer-Trailer Mounted Hydro Excavator,500 Gal Water, 1300 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D068	1600-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 1600 Gallon Debris Tank, Diesel Powered						

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SC01-20	Ring-o-Matic	SC21D069	1600-HICFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 1600 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D070	2000-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 2000 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D071	2000-HICFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 2000 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D072	2600-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 2600 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D073	3000-STD Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 3000 Gallon Debris Tank, Diesel Powered						
SC01-20	Ring-o-Matic	SC21D074	2600-HICFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 2600 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Ring-o-Matic	SC21D075	3000-HICFM Skid-Truck Mounted Hydro Excavator, 500 Gal Water, 3000 Gallon Debris Tank, Diesel Powered, 1000 CFM Blower						
SC01-20	Sewer Equipment Co.	SC21D076	RamVac HX-1000 Trailer Mounted Hydro Excavator, 3-yl debris, 325 gal water tank, 1400 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D077	RamVac HX-2000 Trailer Mounted Hydro Excavator, 3-yl debris, 325 gal water tank, 2400 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D078	RamVac HX-3000 Trailer Mounted Hydro Excavator, 3-yl debris, 325 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D079	RamVac HX-3 Truck Mounted Hydro Excavator, 3-yl debris, 325 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D080	RamVac HX-6 Truck Mounted Hydro Excavator, 6-yl debris, 650 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D081	RamVac HX-9 Truck Mounted Hydro Excavator, 9-yl debris, 1300 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D082	RamVac HX-12 Truck Mounted Hydro Excavator, 12-yl debris, 1300 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D083	RamVac HX-12-27 Truck Mounted Hydro-Excavator, 12-yl debris, 1300 gal water tank, 5400 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D084	RamVac HX-15 Truck Mounted Hydro Excavator, 15-yl debris, 1300 gal water tank, 3000 CFM blower						
SC01-20	Sewer Equipment Co.	SC21D085	RamVac HX-15-27 Truck Mounted Hydro Excavator, 15-yl debris, 1300 gal water tank, 5400 CFM blower						
SC01-20	Super Products	SC21D089	Mud Dog 1200 Truck Mounted Hydro-Excavator, 12.0 cu yd, 1500 gallon water, PD vacuum pump						
SC01-20	Vac-Con	SC21D090	Truck Mounted Hydro-Excavator						
SC01-20	VacStar	SC21D091	VVS500DT - Vacuum Trailer Mounted Diesel						
SC01-20	VacStar	SC21D092	VVS800DT - Vacuum Trailer Mounted Diesel						
SC01-20	VacStar	SC21D093	VVS500GT - Vacuum Trailer Mounted GAS						
SC01-20	VacStar	SC21D094	VVS800GT - Vacuum Trailer Mounted GAS						
SC01-20	Vactor Mfg.	SC21D095	Model HXX truck mounted, dual stage fan, 1300 gallons of water, 12-yard debris body.						
SC01-20	Vactor Mfg.	SC21D096	Model HXX truck mounted, PD Blower, 1,300 gallons of water, 12 yard debris body.						
SC01-20	Vactor Mfg.	SC21D097	Model HXX Prodigy truck mounted, PD Blower, 600 gallons of water, 6-yard debris body.						
SC01-20	Vactor Mfg.	SC21D098	Model HXX truck mounted dual stage fan, 1300 gallons of water, 15 yard debris body						
SC01-20	Vactor Mfg.	SC21D099	Model HXX truck mounted, PD blower, 1300 gallons of water, 15 yard debris body						
SC01-20	Vactor Mfg.	SC21D100	Model Paradigm truck mounted PD blower, 300 gallons of water, 3 yard debris body.						
SC01-20	Vactron	SC21D101	Trailer Mounted Hydro-Excavator						
SC01-20	Kaiser Premier LLC	SC21D102	CV Series - Model #CV100, Tandem Axle, 13 cu yd, 1850 gal water tank						
SC01-20	Kaiser Premier LLC	SC21D103	CV Series - Model #CV100T, Tandem w/pusher, 13 cu yd, 1850 gal water tank						

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SC01-20	Kaiser Premier LLC	SC21D104	CV Series - Model #CV200, Tri-Drive, 13 cu yd, 2250 gal water tank						
SC01-20	Kaiser Premier LLC	SC21D105	CV Series - Model #CV200T, Tri-Drive w/pusher, 13 cu yd, 2250 gal water tank						
SC01-20	Kaiser Premier LLC	SC21D106	Vacuum Trailer - 800 gal debris, 400 gal water, diesel powered						
<b>E. Standard Portable Sewer Inspection Systems</b>									
SC01-20	Aries	SC21E003	Mobile Pathfinder Inspection System, including: PE3530 Pathfinder camera; TR3300 Pathfinder tractor for relined 6" to 15" lines; PR3400 Mobile Pathfinder reel with 1000' cable; UC3400 Mobile Pathfinder All-In-One controller with display, titler, and DVR; maintenance kit; and downhole guide equipment.						
SC01-20	Cobra Technologies	SC21E0004	Cobra Portable Mainline Inspection System. Includes either the Cobra 150 (C601) for relined 6"-15" pipe or the Cobra 8" Crawler (C800) for 8"-24" pipe, Cobra PTZ Camera, Reel assembly on wheeled dolly with 500' Multi Conductor Cable, Footage Head, Downhole Equipment. Control Unit in weather proof enclosure with 10.4" Sunlight readable Monitor, Data overlay for fig with Keyboard input, DVR Recorder. One Day Training.						
SC01-20	Cobra Technologies	SC21E0004A	Cobra Technologies Portable Inspection (8"-48") System includes Equipment includes C801 Crawler for 8"-15" pipe, CT-PTZ Camera, Reel assembly on wheeled dolly with 660' Multi Conductor Cable Remote Power Camera Lift, Large Wheel Set, Axle extenders, Downhole Equipment, Control Unit in weather proof enclosure with 10.4" Sunlight readable Monitor, and two (2) days onsite training. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21E005	Pallet based system for easy transportation of unit. Includes pan & tilt, zoom camera with crawler, universal controller, motorized cable reel and 1000ft of cable. This unit includes either a 2K watt generator or inverter. The universal controller will also include the Cobra Touch Pro V8 software and sunlight readable touch screen. This software is PACP certified.						
SC01-20	Cobra Technologies	SC21E005A	Cobra Technologies Open Pallet system for easy transportation of unit. This 48" concept holds all your equipment and can be transferred from vehicle to vehicle as needed - System includes: C801 crawler (8-48"); Power Lift, Large triedPan & Tilt, Zoom camera. Cobra Technologies universal controller, motorized cable reel and 1000ft of cable cable protection and two (2) days onsite training PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21E005B	Trio Vision Technologies Portable Inspection System Equipment includes pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" downhole equipment and two (2) days onsite training. Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21E0005C	Trio Vision Technologies Portable Inspection System Equipment includes pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; two (2) self propelled tractor for one for 6" - 12" and one for 12" - 48"; downhole equipment and two (2) days onsite training						
SC01-20	Cobra Technologies	SC21E005D	Trio Vision Technologies Open Pallet system for easy transportation of unit. This 48" concept holds all your equipment and can be transferred from vehicle to vehicle as needed - System includes: pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" downhole equipment and two (2) days onsite training. Data Collection Software can be added as option - Buyer to supply power to unit						

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SC01-20	Cobra Technologies	SC21E005E	Trio Vision Technologies Open Pallet system for easy transportation of unit. This 48" concept holds all your equipment and can be transferred from vehicle to vehicle as needed - includes pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; two (2) self propelled tractor for one for 6"-12" and one for 12" - 48"; downhole equipment and two (2) days onsite training. Data Collection Software can be added as option - Buyer to supply power to unit						
SC01-20	Cobra Technologies	SC21E005F	Trio Vision Technologies Xplorer MH manhole inspection camera with telescoping inspection pole, wireless video transmitter, android application, rechargeable battery and wide angle camera, integrated laser distance measurement - to be used with customers Android Device						
SC01-20	Cobra Technologies	SC21E005G	Trio Vision Technologies Xplorer manhole/zoom inspection camera with 432:1 zoom includes camera control unit, battery pack with charger, 18' telescoping carbon-fiber pole, operator vest, 5.6" monitor/recorder and shipping case - Optional distance laser measurement is available						
SC01-20	Cobra Technologies	SC21E005H	Trio Vision Technologies Xplorer P manhole/zoom inspection camera with power tilt and 432:1 zoom includes camera control unit, battery pack with charger, 18' telescoping carbon-fiber pole, operator vest, 5.6" monitor/recorder and shipping case - Optional distance laser measurement is available						
SC01-20	Cobra Technologies	SC21E005I	Trio Vision Technologies Xplorer FreeHD manhole/zoom inspection camera with power tilt; 1080P HD video and 432:1 zoom; includes camera battery pack with charger, 18' telescoping carbon-fiber pole, laser distance measurement and Windows Application - to be used with customers Windows device						
SC01-20	Cobra Technologies	SC21E005J	Cobra ATV Portable Load Space Weatherproof Enclosure with 2kW Generator, Rack Mounted Electronics, LCD Monitor (Sunlight Readable) , Equipment includes Cobra PTZ Camera, 601 Crawler with wheelset and adaptors for 6-15" pipe, DVR with keyboard entry and footage display, Cobra Mainline Cable Reel with 1000 Ft Multi Conductor Cable, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day Training						
SC01-20	Cobra Technologies	SC21E005K	Cobra ATV Portable Load Space Weatherproof Enclosure with 2kW Generator, Rack Mounted Electronics, LCD Monitor (Sunlight Readable) , Equipment includes Cobra PTZ Camera, 801 Mainline Crawler with wheelset and adaptors for 8"-24" , DVR with keyboard entry and footage display, Cobra Mainline Cable Reel with 1000 Ft Multi Conductor Cable, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day						
SC01-20	Cobra Technologies	SC21E005L	Trio Vision ATV Portable Load Space Weatherproof Enclosure with 2kW Generator, Washdown, includes Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" pan,tilt zoom camera and downhole equipment with two (2) days onsite training. For hard to reach, off road inspection. Can be						
SC01-20	Cobra Technologies	SC21E005M	Trio Vision ATV Portable Load Space Weatherproof Enclosure with 2kW Generator, Washdown. System includes: pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" downhole equipment and two (2) days onsite training. For hard to reach, off road inspection.						
SC01-20	Cobra Technologies	SC21E005N	Trio Vision ATV Portable Load Space Weatherproof Enclosure with 2kW Generator, Washdown. System includes: pan,tilt zoom camera; Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" and self propelled tractor for 12" - 48", downhole equipment and two (2) days onsite training.						

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SC01-20	Cues	SC21E006	Mark3 - Portable Mainline Pull System", including: Pan and Tilt camera, Ultra Shorty self propelled tractor for 6"-15" lines, LCD Display with built in Power Control Unit, keypad and mounted on reinforced RAM assembly, built in DVR-SD , compact reel with 500' multi-conductor TV cable, auto payout retrieve and footage head, and downhole equipment.						
SC01-20	Cues	SC21E007	K2 System - Portable Mainline Pull System", including: Pan and Tilt camera, Ultra Shorty self propelled tractor for 6"-15" lines, Power Control Unit with integral 10" monitor, Pro Data data display system, DVR-SD , wheeled dolly with 500' multi-conductor TV cable and footage head, and downhole equipment.						
SC01-20	Cues	SC21E009	QZ III Zoom Pole Camera system, including: wireless high definition camera, distance to defect, M.A.P. lighting, extendable telescoping pole, rechargeable battery and wireless control via GNET software						
SC01-20	Cues	SC21E010	MP+ - Portable Pipeline Inspection System : Portable lateral & mini-mainline push system. This modularly designed system stands out by integrating all of the most sought after features including video titling, video inspection coding, digital recording and portability into an easy to use and intuitive package. System includes a miniature self leveling camera with built in sonde, stainless steel durable wheeled coiler with 200' of push cable and large 8.4 industrial grade monitor with built in titling and digital recording in a weather/water resistant enclosure for 2" - 12" pipelines.						
SC01-20	Cues	SC21E011	C541 Flexiprobe® Plumbers including Command Center, Mini reel with 100' push rod, 1" color camera, universal flexispring, skid set.						
SC01-20	Cues	SC21E012	C541 Flexiprobe® Mini including Command Center, Mini reel with 115' push rod, 1" color camera, universal flexispring, skid set.						
SC01-20	Cues	SC21E013	C542 Flexiprobe® Standard including Command Center, Standard reel with 200' push rod, 2" self-levelling color camera, universal flexispring, skid set.						



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SC01-20	Cues	SC21E014	C543 Flexiprobe® Standard including Command Center, Standard reel with 500' push rod, 2" self-leveling color camera, universal flexispring, skid set.						
SC01-20	Cues	SC21E015	C550 Flexitrac Small Standard Package - Portable Inspection System, Motorized Drum with up to 1000' cable, 6" crawler with powered lift, Pan & Tilt Zoom Camera for Pipe Inspection of 6-18" diameter pipes. Comes complete with Downhole System and Command Module with built in joysticks						
SC01-20	Cues	SC21E016	C550 Flexitrac Large Standard Package - Portable Inspection System, Motorized Drum with up to 1000' cable, 8" crawler with powered lift, Pan & Tilt Zoom Camera for Pipe Inspection of 8" - 36" diameter pipes. Comes complete with Downhole System and Command Module with built in joysticks						
SC01-20	Envirosight	SC21E017	Standard Rovver X QCD System (E-RX-SYS-Truck_Basic-QCD) with VC200 Pendant Controller with Desk Mount and US -Connector PC-VC, RCX90 Camera, RX130 Crawler QCD with 6 small rubber wheels, Backeye Camera, Inclination, Sonde & Clutch included, RAX300 Cable Reel with Wireless Remote and 300M of Orange Gore Cable. Additional Accessories include Emergency Stop cable for Reel, Mounting Frame for Reel, Pressurization Kit, Entry VX License.						
SC01-20	Envirosight	SC21E018	Rovver X System (E-RX-SYS-Truck_PRO) with DCX5000 Desk Mounted Controller with CCUI, RCX90 Camera, RX130 Crawler with Backeye Camera, Inclination, Sonde & Clutch included, RAX300 Cable Reel with Wireless Remote and 300M of Orange Gore Cable. Additional Accessories include, Mounting Frame for Reel, Pressurization Kit, and WinCan Entry License.						
SC01-20	Envirosight	SC21E019	Rovver X System (E-RX-SYS-Truck_PRO 500) with DCX5000 Desk Mounted Controller with CCUI, RCX90 Camera, RX130 Crawler with Backeye Camera, Inclination, Sonde & Clutch included, RAX500 Cable Reel with CCUI II, Rear Controller, 500M of Orange Gore Cable, and Cable Guide Pulley. Additional Accessories include WinCan VX Entry License and Pressurization Kit.						
SC01-20	Envirosight	SC21E020	E-RX-SYS-SAT-ADD (SAT System in addition to RX PRO System) Rovver X SAT System includes RAXSAT 150 Cable Reel with 150M Standard Cable and 30M Pushrod cable. RX140 SAT Crawler with additional wheels, PTP70 Pan & Tilt Camera with RX Adaptor, AC40 Axial Camera, and set of 5 Guide Pipes, and double cable Guide Pulley.						
SC01-20	Envirosight	SC21E021	E-RX-SYS-SAT-ADD-DCX500 (SAT System in addition to RX Basic System) Rovver X SAT System includes RAXSAT 150 Cable Reel with 150M Standard Cable and 30M Pushrod cable. DCX5000 Desk Mounted Controller with CCUI RX140 SAT Crawler with additional wheels, PTP70 Pan & Tilt Camera with RX Adaptor, AC40 Axial Camera, set of 5 Guide Pipes, and double cable Guide Pulley.						

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SC01-20	Envirosight	SC21E022	E-RX-SYS-SAT (Complete RX SAT System - no Mainline Crawler or Camera included) Rover X SAT System includes RAXSAT 150 Cable Reel with 150M Standard Cable and 30M Pushrod cable, RAX300 Cable Reel with Wireless Remote, Mounting Frame, Emergency Stop Cable, and 300M Cable. DCX5000 Desk Mounted Controller with CCUI RX140 SAT Crawler, PTP70 Pan & Tilt Camera with RX Adaptor, AC40 Axial Camera, set of 5 Guide Pipes, double cable Guide Pulley and WinCan VX License						
SC01-20	Envirosight	SC21E023	E-RX-SYS-SAT Complete (RX & SAT System Complete with Mainline Crawler and Camera) Rover X SAT System includes RAXSAT 150 Cable Reel with 150M Standard Cable and 30M Pushrod cable. DCX5000 Desk Mounted Controller with CCUI RX140 SAT Crawler with additional wheels, PTP70 Pan & Tilt Camera with RX Adaptor, set of 5 Guide Pipes, and double cable Guide Pulley. Rover X System RCX90 Camera, RX130 Crawler with Backeye Camera, Inclination, Sonde & Clutch included, RAX300 Cable Reel with Wireless Remote and 300M of Orange Gore Cable. Additional Accessories include Emergency Stop cable for Reel, Mounting Frame for Reel, Pressurization Kit, VX Entry License						
SC01-20	Envirosight	SC21E024	Rover X Industrial System (E-RX-SYS-Industrial) with VC200 Pendant Controller with US -Connector PC-VC, RCX90 Camera, RX130 Crawler with Backeye Camera, Inclination, Sonde & Clutch included, RMX100 Reel with Cases and Electronics, 100 Meters of Cable Included.						
SC01-20	Envirosight	SC21E025	Rover X Portable System (E-RX-SYS-Portable) with VC200 Pendant Controller with US -Connector PC-VC, RCX90 Camera, RX130 Crawler with Backeye Camera, Inclination, Sonde & Clutch included, RMX200 Manual Cable Reel with 200 Meters of Cable and Pendant Mount.						
SC01-20	Envirosight	SC21E026	VeriSight Pro Plus 200' Push Camera with Digital Viewer/Recorder E-V-SYS-SPP-409 - Standard Package with 200' cable, self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.						
SC01-20	Envirosight	SC21E027	VeriSight PRO Plus System - Standard Package with 330' cable (E-V-SYS-SPP-109), self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.						
SC01-20	Envirosight	SC21E028	VeriSight PRO Plus System - Standard Package with 130' Cable (E-V-SYS-SPP-409), self leveling camera, tri frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 3 skids, and tooling.						
SC01-20	Envirosight	SC21E029	VeriSight Pro 360 200' Pan/Tilt Push Camera with Digital Viewer/Recorder (E-V-SYS-360-000) - Standard Package with 200' cable, pan/tilt camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 2 skids, and tooling.						
SC01-20	Envirosight	SC21E030	VeriSight Pro 360 330' Pan/Tilt Push Camera with Digital Viewer/Recorder (E-V-SYS-360-119) - Standard Package with 330' cable, pan/tilt camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 2 skids, and tooling.						

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SC01-20	Envirosight	SC21E031	VeriSight Pro 360 130' Pan/Tilt Push Camera with Digital Viewer/Recorder (E-V-SYS-360-419) - Standard Package with 130' cable, pan/tilt camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, 2 skids, and tooling.						
SC01-20	Envirosight	SC21E032	QuickView Air HD System (E-QV-SYS-AIRHD)- includes Wireless Camera Head with built in Wifi, 16' CF Pole, 6' Extension Pole, Bipod, Spring Loaded Standoff, 2 Batteries, and Battery Charger.						
SC01-20	Envirosight	SC21E033	JetScan HD Video Nozzle 6" (E-JET-SYS-6) - Complete system with camera, jetter sled, set of 6 nozzle plugs, camera case, battery charger, two 16 GB SD cards, two spare windows, two spare window o-rings, spare window screws, torx wrench, spare cap o-ring, Rain-X and Loctite.						
SC01-20	Envirosight	SC21E033A	JetScan HD Video Nozzle 8" (E-JET-SYS-8) - Complete system with camera, jetter sled, set of 6 nozzle plugs, camera case, battery charger, two 16 GB SD cards, two spare windows, two spare window o-rings, spare window screws, torx wrench, spare cap o-ring, Rain-X and Loctite.						
SC01-20	Envirosight	SC21E033B	JetScan HD Video Nozzle 6" & 8" (E-JET-SYS-Combo) - Complete system with camera, jetter sled, set of 6 nozzle plugs, camera case, battery charger, two 16 GB SD cards, two spare windows, two spare window o-rings, spare window screws, torx wrench, spare cap o-ring, Rain-X and Loctite.						
SC01-20	Envirosight	SC21E033C	CleverScan Manhole Scanning System - Includes all Hardware (Camera, Cable, and Electronics) Scanning Software and WinCan License						
SC01-20	Hathorn	SC21E034A	Model Magnum DVR						
SC01-20	Hathorn	SC21E034B	Model Magnum DVR Waterless controller						
SC01-20	Subsite,LLC	SC21E034C	R.S. Technical Services Helix Manhole Inspection Camera shall provide advanced manhole survey system for above ground visual inspection. The Helix camera system shall provide the operator the ability to stay safely above ground without sacrificing the level of detail so critical for engineering decisions.						
SC01-20	InfoSense, Inc.	SC21E035	SL-RAT complete kit includes storage bag, one battery charger, USB cable, one-year license to the SL-DOG software, and one-year limited warranty. Additional options include high-visibility frame cushions, extra charger, and 1/2 day training.						
SC01-20	IBAK	SC21E036	Portable Inspection System 3" to 24" push camera/crawler system, powered reel with cable, self up righting camera, control station with screen and text editing system.						
SC01-20	IBAK	SC21E037	Portable Inspection System 6" to 72" push camera/crawler system, powered reel with cable, self up righting camera, control station with screen and text editing system.						
SC01-20	IBAK	SC21E038	Panorama SI Manhole Inspection Package including the SI camera, winch with 100m of cable, BES Panorama SI Controller, 19" monitor all mounted in a stand alone control case and reel platform.						
SC01-20	Insight Vision	SC21E039	OPTICAM Inspection System 3" to 12" push camera w/200', 300', 400' reel options, 10.4" screen, USB recorder, sonde, text writer, distance counter,self up righting camera, and power supply.						
SC01-20		SC21E040	P541 flexiprobe® mini Command Center, mini reel with 115' push rod, 25mm color camera, universal flexispring, skid set.						
SC01-20	Pearpoint	SC21E041	P541 flexiprobe® Plumbers Command Center, PL reel with 100' push rod, 25mm color camera, universal flexispring, skid set.						

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SC01-20	Pearpoint	SC21E042	P542 flexiprobe® Standard incl. Command Center, Standard reel with 200' push rod, 50mm self-levelling color camera, universal flexispring, skid set.						
SC01-20		SC21E043	P543 flexiprobe® Standard incl. Command Center, Standard reel with 500' push rod, 50mm self-levelling color camera, universal flexispring, skid set.						
SC01-20	PipeHunter	SC21E044	Jet Eye Conversion System - Sewer video/cleaning system used in conjunction with an existing High Pressure Sewer Cleaner System. Expressed purpose of this equipment is to simultaneously clean and TV the sewer and storm lines.						
SC01-20	PipeHunter	SC21E045	Push Camera System 200' Reel Assembly, Monitor Box Assem., LCD Screen, waterproof transport case						
SC01-20	PipeHunter	SC21E046	Portable Mainline Crawler System, Pan and Tilt Crawler, Text Overlay, Digital recording						
SC01-20	Rausch	SC21E047	MOBILE pro portable inspection system, 6-24" pipe, cable reel with 1000ft main cable, C135 transporter, KS135C pan & tilt camera, PCU, operating station with 2 multi-functional joysticks and 12" monitor; on-screen distance counter. Optional: C100 tractor with KS60DB camera, 4-20" pipe; Laptop with inspection software.						
SC01-20	Rausch	SC21E048	MC15 Push System, 1.2"-5", 18mm camera, 100ft cable, 512Hz sonde, 5.6" monitor with remote control, on screen distance counter.						
SC01-20	Rausch	SC21E049	MC30Push System, 2MC15 Portable Push System, 1.2"-5", 18mm camera, 100ft cable, 512Hz sonde, 5.6" monitor with remote control, on screen distance counter. 2"-8", 29mm self leveling camera, 100ft cable, 512 Hz sonde, 5.6" monitor with remote control, on screen distance counter.						
SC01-20	Rausch	SC21E050	MC50 Push System, 3"-16", 55mm self leveling camera, 160ft push cable standard, 512Hz sonde, 8.4" sunlight readable monitor, on screen distance counter, brush- and roller skids.						
SC01-20	Rausch	SC21E051	MC30 Duo Push System, 0.6"-8", Dual Reel System, Outer reel 29mm self-leveling camera, 100ft cable, 512Hz sonde. Inner reel 13mm color camera, 50ft flexible cable, 512Hz sonde.						
SC01-20	Rausch	SC21E052	MC50 Duo Push System, 2"-16", Dual Reel System, Outer reel 55mm self leveling camera, 160ft cable standard, 512Hz sonde. Inner reel 29mm self leveling camera, 65ft cable, 512Hz sonde, brush- and roller skids.						
SC01-20	Rausch	SC21E053	MC360 Pan & Tilt Push System, 3"-16", electronic zoom, infinite rotation, auto focus, 200ft cable, 8.4" sunlight readable monitor and keyboard, 2 skids, 512Hz or 33KHz sonde included. Battery lasts for 4 hour operation, 90psi pressure tight. Video, picture and audio recording on SD card.						
SC01-20	RE Management Services, LLC.	SC21E054	Camtronics Inspector® 36 manual CCTV pipe inspection push system, for 2 to 8inch pipe dia., distance counter, 165 feet cable length, 512Hz sonde, adjustable high-power LED lighting, complete with Easybox control unit for video viewing, text entry and recording to a USB						
SC01-20	RE Management Services, LLC.	SC21E055	Camtronics Inspector® 48 manual CCTV pipe inspection push system, for 3 to 16inch pipe diameter, distance counter, 512Hz sonde, 200 feet of push cable, auto-upright picture, adjustable high-power LED lighting, steering unit, complete with Easybox control unit for video viewing, text entry and recording to a USB						
SC01-20	RE Management Services, LLC.	SC21E056	Camtronics Inspector® ZRK70 manual CCTV pipe inspection push system, pan & tilt camera, infinite rotation, 210° swivel, for 4 1/2inch to 20inch pipe diameter, distance counter, 512Hz sonde, 200 feet of push cable, steering unit, complete with Easybox control unit for video viewing, text entry and recording to a USB						

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SC01-20	RE Management Services, LLC.	SC21E057	Camtronics portable/mobile Mainline Pipe Inspection crawler system MW25, for 5 to 28inch pipe diameter, complete with Easybox control unit, remote control, manual cable reel with 330ft cable and distance counter, ZRK70 pan & tilt camera, wheel sets and spacers, maintenance kit, 2-day training						
SC01-20	RE Management Services, LLC.	SC21E058	ID-Tec C70 Video cleaning nozzle, complete system with auto upright picture, integrated SD card, integrated 512Hz sonde, integrated WI-FI to upload video to tablet, skids, charger, tablet, software, maintenance kit.						
SC01-20	R.S. Technical Service	SC21E059	RST PE-2 Model 11-2002 Portable Mainline Motorized system to include: TrakSTAR LED Zoom Camera with built-in diagnostic, Steering 6 wheel drive TranSTAR Transporter with Rear View Camera to inspect 6" to 30", 1375 Mainline Portable Controller mounted in a compact durable, water/air tight, crush proof Pelican case having a NTSC 15" LCD flat screen panel, Text Writer and Footage Overlay, Digital Video Recorder, Built-in microphone, mounted on Compact Portable Mainline Reel loaded with 500' of Single Conductor double armored cable, Joystick camera and tractor function controller, Manhole Equipment and Manuals: Additional Equipment available to include Motorized Lift for Transporter, Wheel sets, additional Single Conductor cable and Data Collection upgrades upon request from published options.						
SC01-20	R.S. Technical Service	SC21E060	RST 1500 Series Push Camera System to Include: 1575 Ultra Mini Low voltage Constoller with 10" TFT flat panel display, DD Lite Text Writer and Footage overlay DVR and sun shield, Operation manual, Self-leveling Mini color camera head, Push basket/reel with 200 ft. of push cable, digital footage counter and spring coupler. Additional equipment form Published Options.						
SC01-20	R.S. Technical Service	SC21E061	RST Portable Mainline Inspection system mounted in a Transportation Cube measuring 42"x 43.5"x45", manufactured of Aluminum and powder coated with 2 slide out storage drawers. Powered by 2 KW self contained Honda generator with built in battery and fuel tank, Rack mounted Mainline Power Controller (PCU), Auxiliary controller, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable 6 wheel drive TranSTAR Transporter with Rear View Camera 6" to 30", Wheel Set to include ( 6 Hi-Traction rubber wheels 8" -12", 4 Balloon wheels 12" 4 pneumatic wheels and set of MegaTrak grit wheels and hubs to inspect 6" and up) Compact Mainline Cable Reel loaded with 1000' of Single Conductor double armored cable (5 year warranty included on both the reel and cable) Manhole Cable Guide, Text Write and Footage overlay, DVR, 22" Video/Computer Monitor, Key Board and Mouse. Additional equipment available from published options.						
SC01-20	Trojan Tool	SC21E062	Portable Inspection System 1.5" to 4" Micro Camera, push-rod 100' length cable, 7" LCD display with standard black and white camera (color optional), 512Hz & 874Hz locating antenna, 12 battery, text writer, light control, footage counter, skid, video out, DVR optional.						
SC01-20	Trojan Tool	SC21E063	Portable Inspection System 2" to 6" Mini Camera, push-rod 200' length cable, 7" LCD display with standard black and white camera (color optional), 512Hz & 874Hz locating antenna, 12 battery, text writer, light control, footage counter, skid, video out, DVR optional.						

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SC01-20	TV Ferret	SC21E064	Mini-Push Camera System, Includes: 200' of push rod cable, Stainless steel reel construction, 10.4" color LCD monitor, DVR video recorder, Variable intensity LED light control, Built in microphone, One touch power on and one touch recording, Operates off its own self charging battery source, 4"-6" camera skid, 2" straight pipes and up, extremely portable, easy to maneuver Stainless steel camera body construction, Variable high intensity LED light, Minimum 460 lines of resolution, Low-light sensitivity rating of 0.5 lux, Camera body size - 1.4" OD x 3" L, Briefcase style console, Watertight when closed, 10.4" color LCD monitor, DVR video recorder, DVR records to removable SD card, Data and footage video data overlay, Waterproof QWERTY keyboard, Built in microphone, Stainless steel construction, Rugged wheels for easy mobility, Maintenance free gold contact slip ring, Reel size - 16" x 39" x 28", Low friction polypropylene jacketed Kevlar reinforced multi-conductor push cable, Flexible spring end for negotiating pipe bends.						
SC01-20	TV Ferret	SC21E065	Portable Mainline Inspection System - 6" - 24" Pipes - Heavy duty DC permanent magnet motor, Planetary speed reduction, Spiral bevel drive gears, High Resolution, ultra low light color video camera, Electronic iris, Adjustable focus, One piece, reinforced stainless steel crawler body, Stainless steel face plate, Stainless steel articulating rear cable receptor, One piece ribbed, continuous loop, urethane drive tracks, Precision bearings, Valve port for low pressure leak test, Plastic clad stainless steel lift loops for raising and lowering crawler, 6" crawler for 6" to 24" pipe, REEL: 600' of heavy duty urethane jacketed, kevlar reinforced multi-conductor cable, Watertight cable, termination with integrated strain relief, Zero drag payout of cable, Variable speed power rewind, Cantilever footage metering head, Enclosed, maintenance free electrical components, Portable, can be carried to remote sites, CONSOLE: Strong, durable case, High resolution LCD flat panel color monitor, Digital video and audio recorder, archiving to a SD card, On screen display of text and footage distance, Variable light intensity control, Variable forward and reverse crawler control, Microphone for audio recording, Waterproof keyboard, Joystick Pan&Tilt control, Console nests into battery pack, BATTERY PACK: 12VDC sealed, non-spillable, maintenance free deep-cycle batteries, Low voltage power supply, Integrated automatic charging system, standard 120VAC input, Capable of operating the system continually during 8 hour work days.						

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SC01-20	TV Ferret	SC21E066	Portable Mainline Inspection System 8" - 36" Pipes, 200' of push rod cable, Stainless steel reel construction, 10.4" color LCD monitor, DVR video recorder, Variable intensity LED light control, Built in microphone, One touch power on and one touch recording, Operates off its own self charging battery source, 4"-6" camera skid, 2" straight pipes and up, extremely portable, easy to maneuver Stainless steel camera body construction, Variable high intensity LED light, Minimum 460 lines of resolution, Low-light sensitivity rating of 0.5 lux, Camera body size - 1.4" OD x 3" L, Briefcase style console, Watertight when closed, 10.4" color LCD monitor, DVR video recorder, DVR records to removable SD card, Data and footage video data overlay, Waterproof QWERTY keyboard, Built in microphone, Stainless steel construction, Rugged wheels for easy mobility, Maintenance free gold contact slip ring, Reel size - 16" x 39" x 28", Low friction polypropylene jacketed Kevlar reinforced multi-conductor push cable, Flexible spring end for negotiating pipe bends.						
SC01-20	TV Ferret	SC21E067	Portable Mainline Inspection System 12" - 120" Pipes, Heavy duty DC permanent magnet motor, Planetary speed reduction, Spiral bevel drive gears, High Resolution, ultra low light color video camera, Electronic iris, Adjustable focus, One piece, reinforced stainless steel crawler body, Stainless steel face plate, Stainless steel articulating rear cable receptor, One piece ribbed, continuous loop, urethane drive tracks, Precision bearings, Valve port for low pressure leak test, Plastic clad stainless steel lift loops for raising and lowering crawler, 12" crawler for 12" to 120" pipe, REEL: 600' of heavy duty urethane jacketed, kevlar reinforced multi-conductor cable, Watertight cable, termination with integrated strain relief, Zero drag payout of cable, Variable speed power rewind, Cantilever footage metering head, Enclosed, maintenance free electrical components, Portable, can be carried to remote sites, CONSOLE: Strong, durable case, High resolution LCD flat panel color monitor, Digital video and audio recorder, archiving to a SD card, On screen display of text and footage distance, Variable light intensity control, Variable forward and reverse crawler control, Microphone for audio recording, Waterproof keyboard, Joystick Pan&Tilt control, Console nests into battery pack, BATTERY PACK: 12VDC sealed, non-spillable, maintenance free deep-cycle batteries, Low voltage power supply, Integrated automatic charging system, standard 120VAC input, Capable of operating the system continually during 8 hour work days.						

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SC01-20	Vivax	SC21E068	Vivax portable push rod system with 200' of cable, color camera, control box, 8" LCD monitor, recording capability to 120 GB hard drive, Stainless steel cable reel. Built in footage counter and sonde.						
SC01-20	Proteus	SC21E069	Proteus Lite- RMPL250 manual cable drum with 820' of 2000lb tensile strength, kevlar reinforced, inspection cable. CCU208 portable hard case controller with built in daylight viewable screen, reporting software, mpeg-4 recording, jpeg snapshot and 30GB harddrive. Cam026 pressurized camera head with 135deg pan & 360deg continuous rotation, 3x digital zoom. System compatible with 3rd party PACP softwares. Capability of inspecting 4" and above pipe diameters.						
SC01-20	Proteus	SC21E070	Wheeled hand cart with manual reel & battery pack - Rolling cart for individual operation contains the RMP200 cable drum with 820' of 2000lb tensile strength, kevlar reinforced, inspection cable. CCU208 portable hard case controller with built in daylight viewable screen, reporting software, mpeg-4 recording, jpeg snapshot and 30GB harddrive. CRP140 crawler with Cam026 pressurized camera head with 135deg						



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SC01-20	Proteus	SC21E071	Wheeled hand cart with motorized reel & battery pack- Rolling cart for individual operation contains the RAP200 cable drum with 820' of 2000lb tensile strength, kevlar reinforced, inspection cable.CCU208 portable hard case controller with built in daylight viewable screen, reporting software, mpeg-4 recording, jpeg snapshot and 30GB harddrive. CRP140 crawler with a Cam026 pressurized camera head with 135deg						
SC01-20	Proteus	SC21E072	Portable cube with motorized cable drum - Steel construction cube w/compartmented seperation of water pump/tank, generator & camera equipment. RAP300 motorized cable drum with 1,150' of 2000lb tensile strength, kevlar reinforced, inspection cable. VGP300 extend & swivel cable guide arm. CCU208 portable hard case controller with built in daylight viewable screen, reporting software, mpeg-4 recording,						
SC01-20	Proteus	SC21E073	Portable cube with synchronized cable drum - Steel construction cube w/compartmented seperation of water pump/tank, generator & camera equipment. ACR350 cable drum with 1,150' of 2000lb tensile strength, kevlar reinforced, inspection cable operating with synchronization between crawler and cable drum speeds. Alignment over manhole through extend & swivel cable guide arm. CCU208 portable hard case						
SC01-20	Proteus	SC21E074	Proteus Push-Rod - Standard Package with 330' cable, self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, multiple skids for different pipe diameters, and tooling.						
SC01-20	Proteus	SC21E075	Proteus Push-Rod - Pan-11ft Camera Package with 330' cable, self-leveling camera, tri-frequency sonde, battery powered control unit with viewing, control, text generation, recording and digital output, accessories case with USB memory stick, multiple skids for different pipe diameters, and tooling.						
<b>F. Explosion-Proof Portable Sewer Inspection Systems</b>									
<b>G. Sewer Inspection Vans</b>									
SC01-20	Aries	SC21G001	High Cube Mounted Inspection System, including: 16' aluminum high cube body; basic high cube interior carpentry and outfitting; 7kW on-board gas generator; PC5000 Master Controller; VL5000 data display system with 15" LCD monitor; rack mounted DVR recorder; PE3530 Pathfinder camera; TR3300 Pathfinder tractor for 6"-15" lines; PR3300 Pathfinder reel with 1000' of multi-conductor cable; maintenance kit; and downhole guide equipment.						
SC01-20	Aries	SC21G002	Cargo Van Mounted Inspection System, including: basic cargo van interior carpentry and outfitting; 7kW on-board gas generator; PC5000 Master Controller; VL5000 data display system with 15" LCD monitor; rack mounted DVR recorder; PE3530 Pathfinder camera; TR3300 Pathfinder tractor for 6"-15" lines; PR3300 Pathfinder reel with 1000' of multi-conductor cable; maintenance kit; and downhole guide equipment.						
SC01-20	Aries	SC21G003	Trailer Mounted Inspection System", including: 7x14 trailer; basic trailer interior carpentry and outfitting; 7kW on-board gas generator; PC5000 Master Controller; VL5000 data display system with 15" LCD monitor; rack mounted DVR recorder; PE3530 Pathfinder camera; TR3300 Pathfinder tractor for 6"-15" lines; PR3300 Pathfinder reel with 1000' of multi-conductor cable; maintenance kit; and downhole guide equipment.						

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SC01-20	Aries	SC21G004	High Cube Mounted Inspection System, including: Ford E450 gas cutaway with 16' aluminum high cube body; basic high cube interior carpentry and outfitting; 7kW on-board gas generator; PC5000 Master Controller; VL5000 data display system with 15" LCD monitor; rack mounted DVR recorder; PE3530 Pathfinder camera; TR3300 Pathfinder tractor for 6"-15" lines; PR3300 Pathfinder reel with 1000' of multi-conductor cable; maintenance kit; and downhole guide equipment. Note - not valid in HI, LA, and TX.						
SC01-20	Aries	SC21G005	Cargo Van Mounted Inspection System, including: Ford Transit 350 extended gas cargo van chassis; basic cargo van interior carpentry and outfitting; 7kW on-board gas generator; PC5000 Master Controller; VL5000 data display system with 15" LCD monitor; rack mounted DVR recorder; PE3530 Pathfinder camera; TR3300 Pathfinder tractor for 6"-15" lines; PR3300 Pathfinder reel with 1000' of multi-conductor cable; maintenance kit; and downhole guide equipment. Note - not valid in HI, LA, and TX.						
SC01-20	Cobra Technologies	SC21G006	Hi-Cube Gas Van Inspection DRW with Walk Through from Cab Area to control room. 14' aluminum/ FRP HiCube Body with aerocap includes interior carpentry outfitting and interior/exterior lighting, 6kW Gas Generator, Equipment includes Cobra PTZ Camera, 6"-15"(C601) or 8"-24"(C800/801) Crawler, Rack Mount Electronics, LCD Monitor, DVR, Footage overlay with Keyboard input, Cobra Main line Cable Reel, 1000' Multi Conductor Cable, Footage Head, Wash down System, Downhole equipment, Maintenance Kit and One (1) Day Training.						
SC01-20	Cobra Technologies	SC21G006A	Hi-Cube Box to be installed on customer supplied Gas DRW chassis Walk Through from Cab Area to control room. 14' aluminum/ FRP HiCube Body with aerocap includes interior carpentry outfitting and interior/exterior lighting, 5.5kW Gas Generator, Equipment includes Cobra PTZ Camera, C801 8-48" Crawler, Remote elevator and wheelsets. Rack Mount Electronics, LCD Monitor, DVR, Footage overlay with Keyboard input, Cobra Main line Cable Reel, 1000' Multi Conductor Cable, Footage Head, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day Training. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G007	3/4 - 1 Ton Standard Van Cobra Technologies Conversion (does not include extended length / high top eurovans) to be done on supplied chassis - Bullhead design includes interior carpentry upfitting for a control and equipment area with window and walk thru door, interior/exterior lighting and roof mount AC choice of Inverted or gas generator. Equipment includes Cobra PTZ Camera, 6"-15" C601 Crawler, Rack Mounted Electronics and power control unit, DVR with footage overlay and keyboard input, Professional LCD 17" Monitor, Cobra Main line Cable Reel with 1000' Multi Conductor Cable, Wash down system, Downhole equipment, Maintenance Kit and Two (2) Day Training. PC / Data Collection Software can be added as option						

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SC01-20	Cobra Technologies	SC21G007A	3/4 - 1 Ton Standard Van Trio-Vision Conversion (does not include extended length / high top eurovans) Walk through from control room to equipment room includes interior carpentry upfitting for a control and equipment area with window and walk thru door, interior/exterior lighting and roof mount AC, choice of Inverter or Gas generator, Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" and self propelled tractor for 12" - 48", downhole equipment and two (2) days onsite training. For hard to reach, off road inspection. Can be installed all types of "off-road" vehicles/ATVs Its modular construction provides for easy removal from ATV to Truck Mounted System or storage when not in use. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G007B	Box Installation ONLY 14' body on customer supplied chassis with walk through from cab area to control room. Interior carpentry and upfitting. Generator or Inverter, Roof AC, washdown system - Can install any manufacturers inspection equipment equipment						
SC01-20	Cobra Technologies	SC21G008	Cobra Trailer Installation 7 x 12 trailer includes basic interior carpentry and outfitting. Generator installed in soundproof enclosure Equipment includes Cobra PTZ Camera, choice of 6"-15"(C601), Rack Mounted Electronics, LCD Monitor, DVR with Footage overlay and keyboard input Cobra Minline Cable Reel with 1000' Multi Conductor Cable, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day Training. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G008A	Cobra Trailer Installation 7 x 12 trailer includes basic interior carpentry and outfitting. Generator installed in soundproof enclosure Rooftop AC - Equipment includes Cobra PTZ Camera, choice of 6"-15" C601Crawler, Rack Mounted Electronics, LCD Monitor, DVR with Footage overlay and keyboard input Cobra Minline Cable Reel with 1000' Multi Conductor Cable, Footage Head, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day Training. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G008B	Cobra Trailer Installation 8.5 x 14 dual axle PREMIUM trailer includes basic interior carpentry and outfitting. Generator installed in soundproof enclosure Rooftop AC - Equipment includes Cobra PTZ Camera, choice of 6"-15" C601Crawler, Rack Mounted Electronics, LCD Monitor, DVR with Footage overlay and keyboard input Cobra Minline Cable Reel with 1000' Multi Conductor Cable, Footage Head, Wash down System, Downhole equipment, Maintenance Kit and Two (2) Day Training. PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G008C	Trio-Vision Installation 7 x 12 trailer includes basic interior carpentry and outfitting. Generator installed in soundproof enclosure Rooftop AC - Equipment includes Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6"-12" pan/tilt zoom camera and downhole equipment with two (2) days onsite training. For hard to reach, off road inspection. Can be installed all types of "off-road" vehicles/ATVs Its modular construction provides for easy removal from ATV to Truck Mounted System or storage when not in use. Data Collection Software can be added as option						

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SC01-20	Cobra Technologies	SC21G008D	Trio-Vision Installation 8.5 x 14 dual axle PREMIUM trailer includes basic interior carpentry and outfitting. Generator installed in soundproof enclosure. Rooftop AC - Equipment includes Trio Vision PC control unit with daylight readable LCD Monitor includes Footage overlay and keyboard input TV; cable reel with drop-down cable guide and 656' of multi-conductor cable; self propelled tractor for 6'-12" pan/tilt zoom camera and downhole equipment with two (2) days onsite training. For hard to reach, off road inspection. Can be installed all types of "off-road" vehicles/ATVs. Its modular construction provides for easy removal from ATV to Truck Mounted System or storage when not in use. Data Collection Software can be added as option PC / Data Collection Software can be added as option						
SC01-20	Cobra Technologies	SC21G009	Sprinter 3500 /Ford Transit Diesel Truck Installation with walk thru door from control room to equipment room includes interior carpentry upfitting for a control and equipment area with window and walk thru door, interior/exterior lighting. 6KW engine driven power system or 2KW Inverter/Battery Power System, Equipment includes Cobra PTZ Camera, choice of 6"-15"(C601) or 8"-24"(C800) Crawler, Rack Mounted Electronics and power control unit, LCD 15" Monitor, DVR, Footage overlay with keyboard entry, Cobra Mainline Cable Reel with 1000' Multi Conductor Cable, Footage Head, Wash down System, Downhole equipment, Maintenance Kit and One (1) day training.						
SC01-20	Cues	SC21G010	DRW Van Installation (Vehicle provided by customer) which includes: 12' aluminum hi-cube body with pass thru to viewing room from cab; Evolution Hi-Cube interior carpentry and outfitting; 7KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data Display system with 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6'-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G011	DRW Van TV Inspection Vehicle - Chevy C3500 Cutaway DRW Van - 139" wheelbase, gas engine, automatic transmission, cab air conditioning, AM/FM Radio, 12,300 GVW which includes: 12' aluminum hi-cube body with pass thru to viewing room from cab; Evolution Hi-Cube interior carpentry and outfitting; 7 KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system with 19" LCD rack-mounted monitor; rack-mounted SVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6'-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G012	Hi-Cube Van Installation (vehicle provided by customer) which includes: 14' aluminum hi-cube body with full height walk thru to viewing room from cab; Evolution Hi-Cube interior carpentry and outfitting; 7 KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data data display system with 19" LCD rack-mounted monitor; rack-mounted DVR-SD, TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6'-15" lines; maintenance kit, downhole equipment and two (2) days training.						

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SC01-20	Cues	SC21G013	Hi-Cube Van TV Inspection Vehicle - Ford E450 Cutaway Van, 158" wheelbase, gas engine, automatic transmission, cab air conditioning, AM/FM Radio, 14,050 GVW which includes: 14' aluminum hi-cube body with full height walk thru to viewing room from cab; Evolution Hi-Cube interior carpentry and outfitting; 7 KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system with 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G014	Step Van Installation (vehicle provided by customer) which includes: 16' Step Van body with Evolution interior carpentry and outfitting; 7 KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system with 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G015	Step Van TV Inspection Vehicle - Ford F59 Step Van chassis, 178" wheelbase, gas engine, automatic transmission, cab air conditioning, AM/FM Radio, 19,500 GVW which includes: 16' Step Van body with Evolution interior carpentry and outfitting; 7 KW on-board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system with 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G016	Sprinter Van Installation (vehicle provided by customer) which includes: Evolution Sprinter interior carpentry and outfitting; 6 KW MEPS inverter system (upgrade of chassis for MEPS system included); Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system; 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G017	Sprinter TV Inspection Vehicle - Freightliner Sprinter 3500, 170" wheelbase, diesel engine, automatic transmission, cab air conditioning, AM/FM Radio, 11,030 GVW which includes: 14' body, Evolution Sprinter interior carpentry and outfitting; 6 KW MEPS inverter system; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system; 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	Cues	SC21G018	Ford Transit Van Installation (vehicle provided by customer) which includes: Evolution interior carpentry and outfitting; 7 KW on board generator, Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system; 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						

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SC01-20	Cues	SC21G019	Ford Transit TV Inspection Vehicle - Ford Transit, 148" wheelbase, 3.7 L gas engine, automatic transmission, cab air conditioning, AM/FM Radio, 10,360 GVW which includes: Evaluation interior carpentry and outfitting; 7 KW on board generator; Pan and Tilt camera; rack-mounted Power Control Unit (PCU); Data display system; 19" LCD rack-mounted monitor; rack-mounted DVR-SD; TV cable reel with drop-down cable guide, footage head, and 1000' of multi-conductor cable; Ultra Shorty self propelled tractor for 6"-15" lines; maintenance kit, downhole equipment and two (2) days training.						
SC01-20	IBAK	SC21G020	Truck/Van mounted System with "Core Mainline System" installed for 4" through 36" diameter pipes; crawler system, color camera, camera power system, power cable drum with 656 feet cable, DVR recording system, 6kw generator, 17" lcd screen, control station, text generator, and complete van install package, ( carpet, work station, AC unit, power buss).						
SC01-20	IBAK	SC21G021	Truck/Van mounted with "Premium Mainline System" installed for 6" through 72" diameter pipes; crawler system, color camera, camera power system, power cable drum with 1000 feet cable, DVR recording system, 6kw generator, 17" lcd screen, control station, text generator, and complete van install package, ( carpet, work station, AC unit, Power buss).						
SC01-20	IBAK	SC21G022	Truck/Van mounted with "Elite Mainline System" installed for 6" through 120" diameter pipes; crawler system, color camera, camera power system, power cable drum with 1000 feet cable, DVR recording system, 6kw generator, 17" lcd screen, control station, text generator, and complete van install package, ( carpet, work station, AC unit, Power buss).						
SC01-20	IBAK	SC21G023	Truck/Van mounted with "Lateral Launch System" installed for 6" through 72" diameter pipes; crawler system, color camera, camera power system, power cable drum with 500' feet mainline and 100' lateral push cable, DVR recording system, 6kw generator, 17" lcd screen, control station, text generator, and complete van install package, ( carpet, work station, AC unit, Power buss).						
SC01-20	IBAK	SC21G024	Truck/Van mounted with "Panorama 2 System" installed for 8" and 10" diameter pipes, crawler system, camera, wheelsets, camera power system, power cable drum with 500' of cable, computer with software, 6kw generator, 17" lcd screen, control station, text generator, and complete van install package, ( carpet, work station, AC unit, Power buss).						
SC01-20	IBAK	SC21G025	Truck/Van mounted system with "Panorama 150" installed for 5" To 12" diameter pipes, crawler system, camera, wheelsets, camera power system, power cable drum with 500' of F/O cable, computer, 6 kw generator, 19" monitor, control station, and complete van installation package (carpet, work station, AC/Heat, and Power Buss)						
SC01-20	IBAK	SC21G026	Truck/Van mounted system with "Core HD Mainline system" installed for High definition inspection of sewer lines. The system includes the Orpheus HD pan and tilt camera, crawler system, wheelsets, camera power system, power cable drum with 1000' of F/O cable, computer, 6 kw generator, 19" monitor, control station, and complete van installation package (carpet, work station, AC/Heat, and Power Buss)						

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SC01-20	IBAK	SC21G027	Truck/Van mounted system with "Panoramo 150" installed for 5" To 12" diameter pipes, crawler system, camera, wheelsets, camera power system, power cable drum with Truck/Van mounted with Panoramo SI manhole inspection system complete with Panoramo SI camera, cable winch with 100m, FO cable, Panoramo SI controller, 19" industrial Panoramo SI monitor, and mounting in a van with (carpet, work station, AC/Heat, and Power Buss) 500' of F/O cable, computer, 6 kw generator, 19" monitor, control station, and complete van installation package (carpet, work station, AC/Heat, and Power Buss)						
SC01-20	Rausch	SC21G028	RT-BT - Ford or Chevy Gasoline High-Cube Box Van, E450, with 14 to 16ft box, barn or roll-up rear door, no side door (Note- not valid in Texas)						
SC01-20	Rausch	SC21G029	RT-T - Carmate Trailer, dual torsion axles, electric brakes, 12' x 7 (Note- not valid in Texas)						
SC01-20	Rausch	SC21G030	RT-VAN - Diesel 3500 Mercedes Sprinter, WB 170" (Note-not valid in Texas)						
SC01-20	Rausch	SC21G031	Trailer mainline installation, 6"-24" pipe, 4.3Kw gasoline generator tongue mounted, KS135 mainline camera, EcoStar PCU, color monitor, data display system, PC and reporting software, Quadro300 cable reel assembly with 1000' cable; L135 steerable transporter with electric lift, rearview camera and inclination; maintenance & tool kit.						
SC01-20	Rausch	SC21G032	Truck/Van mainline installation, 6"-24" pipe, generator/inverter, KS135 mainline camera, EcoStar PCU, color monitor, data display system, PC and reporting software, Quadro300 cable reel assembly with 1000' cable; L135 steerable transporter with electric lift, rearview camera and inclination; maintenance & tool kit.						
SC01-20	Rausch	SC21G033	Truck/Van mainline installation, 6"-30" pipe, generator/inverter, KS135 mainline camera, EcoStar PCU, color monitor, data display system, PC and reporting software, ELKA600 cable reel assembly with 1300' cable; L135 steerable transporter with electric lift, rearview camera and inclination, maintenance & tool kits.						
SC01-20	Rausch	SC21G034	Truck/Van mainline installation, 6"-72" pipe, generator/inverter, KS135 mainline camera, Proline digital control unit, color monitor, data display system, PC and reporting software, ELKA600 cable reel assembly with 1300' cable; L135 transporter with electric lift, rearview camera and inclination; complete maintenance, tool, troubleshoot, and accessory kits, Lafette-tractor.						
SC01-20	Rausch	SC21G035	Truck/Van mainline & lateral launcher installation, 6"-60" mainline pipe diameter, 3"-8" lateral pipe diameter, generator/inverter, EcoStar PCU, KS135 mainline camera, KS60 lateral launch camera and lateral modules, data display system, reporting software, ELKA600 main cable reel assembly with 1000' cable, lateral cable reel with a total of 550' cable length, up to 150' launch cable; L135 steerable transporter with electric lift, rearview camera and inclination; maintenance, tool, troubleshoot, and accessory kits.						
SC01-20	Rausch	SC21G036	Truck/Van "Pure View" installation for 8"-24" pipe diameter; 3-D mainline inspection system; Eco Star control unit; L135 steerable transporter with electric lift, rearview camera and inclination; Pure View camera; ELKA600 with 1,000ft cable; computer with software; generator/inverter; control station; full package installation.						
SC01-20	RE Management Services, LLC.	SC21G037	Vehicle installed Mainline CCTV Tractor System, for 6 to 28 inch pipe dia., Consisting of MW25 Tractor, ZRK70 pan and tilt camera, electric cable reel with 330 feet of cable, control unit and PC, POSM Pro inspection software, installed into a suitable vehicle, maintenance kit, 2-day training						

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SC01-20	RE Management Services, LLC.	SC21G038	ID-Tec CCTV Mainline Inspection System ONLY, for 6 to 15inch pipe dia. Consisting of: R125 tractor, CAM125 mainline pan & tilt camera, transfer bar, point repair packer system 8-12 inch, POSM Pro, control unit, touch screen monitor/PC, air compressor, 500ft hybrid cable on electric reel, 3000W Gasoline generator, installation into a suitable van, box truck or trailer, maintenance kit, 2-day training. Upgradeable to a Precision Water Jet Cutting System						
SC01-20	RE Management Services, LLC.	SC21G039	Carmate dual axle trailer, 12-16ft x 7ft, electric brakes, dual-torsion axles (Note: Not valid in Texas)						
SC01-20	RE Management Services, LLC.	SC21G040	Ford F550 Gasoline Truck, RWD, with 18 ft box, PTO ready, GVWR approx. 19,000 lbs. (NOTE: Not valid in Texas)						
SC01-20	R.S.Technical Service, Inc.	SC21G041	<b>R.S.Technical Service (RST)</b> , . Extended One Ton Van Installation to include; (Customer to provide Chassis) basic cargo van interior cabinetry and finishing, Fiberglass raised roof, External Safety Lights, Lonseal Lonplate Flooring in equipment room, 5.5 Kw on-board Generator, 12 volt charging system, 92,000 Btu Roof mounted A/C and 1500 watt wall heater, Operator chair, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable 6 wheel TranSTAR steerable Transporter with rear view camera to inspect 6" to 30" pipe, Wheel Sets to include (6 each Hi-Traction wheels, 4 pneumatic wheels, 4 Balloon rubber wheels and Mega-Trak Grit wheels) Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, (DVR), Joystick desktop controller, Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable, Wash down equipment, Maintenance kit, Down-hole equipment, Test Cables, Two (2) Days Training. Additional equipment available for Published Options.						
SC01-20	R.S.Technical Service, Inc.	SC21G042	<b>R.S.Technical Service (RST)</b> , Low Cost, High Efficiency Mainline Trailer to include; Exterior safety light, minimal basic interior install, outfitted with counter tops, electrical outlets, LED light fixtures, 5 drawer tool box, wall divided interior with window, Operators chair, 3.0 kW air cooled Generator with built-in battery and fuel tank (portable tongue mounted), 12 Volt charging system, 1375 Portable Mainline Controller mounted in a compact water/air tight crush proof Pelican case with NTSC 15" LCD flat screen panel, Text Writer and Footage Overlay, DVR, built-in microphone, Joystick controller, TrakSTAR LED Zoom Camera with Internal diagnostic, TranSTAR Steerable 6 wheel Transporter with Rear View Camera for 6" to 30" pipe, Wheel Sets, Compact Portable Reel Floor Mounted, 1000' of Single Conductor double armored cable, Down-hole equipment, Maintenance kit, Test Cables, Manuals and Two (2) Days Training. Additional equipment available from Published Options.						



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SC01-20	R.S.Technical Service, Inc.	SC21G043	R.S.Technical Service (RST), CCTV Inspection System installed in a 12', 14' & 16' Tandem Axle Trailer, White, Rear swing door, 32" side with RV lock, Rear Stabilizer Jack, LED light package, Mainline Installation to include; standard trailer interior cabinetry and finishing, Lonseal flooring in equipment room, 5.5 Kw on-board Generator, Fuel Tank, Battery in case, 12 volt charging system, 15,000 Btu Roof Mounted Air Conditioner, Wall Mounted 1500 Watt heater in control room, Operator Chair, Safety exterior lighting, Fire extinguisher, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable 6 wheel TranSTAR Transporter with Rear View Camera to inspect 6" to 30" pipe, Wheel Sets to include 6 each Hi-Traction Rubber wheels to inspect 8" to 12", 4 Pneumatic wheels, 4 balloon wheels and Mega-Trak grit wheel set, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, DVR, Joystick controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable, Wash down equipment to include sink and faucet, Maintenance kit, Test Cables, Down-hole equipment, Two (2) Days Training. Additional equipment available from Published Options						
SC01-20	R.S.Technical Service, Inc.	SC21G044	R.S.Technical Service (RST), Hi-Cube Van CCTV Inspection Vehicle (customer to provide chassis and box) Installation for 12', to 16' box. Mainline Installation to include; interior cabinetry and finishing, Lonseal flooring in equipment room, 5.5 Kw on-board Generator, 12 volt charging system, Roof mounted Air Conditioner and 1500 watt wall heater in control room, Operator chair, Safety lighting, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable Transporter 6 wheeledTranSTAR with Rear View Camera to inspect 6" to 30" pipe, Wheel sets, Rack mounted Mainline Power control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, Digital Video Recorder (DVR), Joystick controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable, Wash down equipment, Maintenance kits, Test Cables, Down-hole equipment, Two (2) Days Training. Additional Equipment available from Published Options .						

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SC01-20	R.S.Technical Service, Inc.	SC21G045	R.S.Technical Service (RST), CCTV equipment to be installed in (customer provided Naaian NV 3500 HD Van) basic van interior cabinetry and finishing, Safety Exterior Lighting, Lonseal flooring in equipment room, 6.3 Kw Mobile Electric Power System (MEPS), 12 V Chargind System Roof mounted 9,200Btu A/C and wall mounted 1500 watt heater in viewing room, Operator chair,Water wash down system, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable wheel TranSTAR Transporter with Rear View Camera to inspect 6" to 30" pipe, wheel sets to include 6 each Hi-Traction wheels, Pneumatic Wheels, Balloon Wheels and Mega-Trak grit wheel set, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD Video/computer Monitor, 19" Flat Screen in equipment room, DVR, Mainline, Joystick controller, Handheld controller, Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable, Maintenance kit, Down-hole equipment, Test Cables, Two (2) Days Training. Additional Equipment from Published Options						
SC01-20	R.S.Technical Service, Inc.	SC21G046	R.S.Technical Service (RST), Deluxe Hi-Cube Van Install CCTV Inspection Vehicle (customer to provide chassis and box) Safety Exterior Lighting and equipment to include video back up system, install to include extra interior cabinetry and finishing, Spray in Rhino Liner in equipment, 7.0 Kw on-board Generator, 15,000 A/C roof mounted and 1500 watt wall heater in control and equipment rooms. Operator chair, TrakSTAR LED Zoom Camera with internal diagnostic , TranSTAR Steerable Transporter with rear view camera to inspect 6" to 30" pipe, Wheel sets, Rack mounted mainline Power control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor and 19" montior in equipment room, DVR, Joystick and handheld controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable, 30 gallon Wash down equipment, Maintenance kit, Down-hole equipment, Two (2) Days Training, additional equipment avialable from Published Options.						
SC01-20	R.S.Technical Service, Inc.	SC21G047	CCTV equipment installed in (customer Porvided Step Van) Installation Unit to include: interior cabinetry and finishing, LonSeal flooring in equipment room, 5.5 Kw on-board generator, 12 Volt charging system, Safety exterior lighting, roof mounted 15,000 Btu A/C and wall mounted heater in control room, Operator chair, TrakSTAR LED Zoom Camera Internal diagnostic, Steerable wheel TranSTAR Transporter with rear view camera to inspect 6" to 30" pipe, Wheel Sets, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, 19" Flat Screen in equipemtn room DVR, Joystick and Handheld controllers, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable. Wash down equipment, Maintenance kit, Test Cables, Cable guide equipment, Two (2) days training, Additional equipment from Published Options						

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SC01-20	R.S.Technical Service, Inc.	SC21G048	CCTV equipmnt to be installed in (customer provided Ford Transit High Roof Extended Van with gasoline engine) gas engine, interior cabinetry and finishing, Lonseal flooring in equipment room, 5.5 Kw on-board generator, 12 Volt charging system, safety exterior lighting, roof mounted 9,200 Btu A/C and wall mounted heater in control room, Operator chair,TrakSTAR LED Zoom Camera, with Internal Diagnostic, Steerable Self-propelled wheeled TranSTAR Transporter with rear view camera to inspect 6" to 30" pipe, Wheel Sets, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, 19" Flat screen in equipment room, DVR, Joystick controller, Handheld controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable. Wash down equipment, Maintenance kit, Down-hole equipment, Two (2) days training, Additional equipment available from Published Options						
SC01-20	R.S.Technical Service, Inc.	SC21G049	<b>R.S.Technical Service (RST),</b> CCTV Mainline TV Inspection equipment Installed in (customer to provide Hi Roof Extended Freightliner 3500 Diesel Sprinter Van or Mercedes-Benz 3500 Hi-Roof Extended vehicle/chassis ) interior cabinetry and finishing, LonSeal flooring in equipment room, 6.3 KW Mobil Electric Power System (MEPS) inverter system, 12 volt charging system, 9200 Btu Roof mounted A/C and wall mounted heater in control room, Safety exterior lighting, TrakSTAR LED Zoom Camera with Internal Diagnostic.Steerable 6 wheel TranSTAR Steerable Transporter with Rear View Camera to inspect 6" to 30" pipe, Wheel Sets, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor Viewing room, 19" Flat Screen in Equipment Room, DVR, Joystick and Handheld camera and tractor controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable. Wash down equipment, Maintenance kit, Test Cables Down-hole equipment, Two (2) days training,Additional Equipment from Published Options						
SC01-20	R.S.Technical Service, Inc.	SC21G046	<b>R.S.Technical Service (RST),</b> CCTV Mainline Inspection equipment installed in (customer provided chassis Ford Transit-350 Hi roof extended length either Gasoline or Diesel engine) Basic interior cabinetry and finishing, Lonseal Flooring in equipment room, either 5.5 Kw gas generator or 6.3 Kw Mobile Power System (MEPS) inverter system, 12 volt charging system, Safety exterior lighting, 9200 Btu A/C and wall mounted heater in control room, Operator chair, TrakSTAR LED Zoom Camera with Internal Diagnostic, Steerable wheeled TranSTAR Transporter with Rear View Camera to inspect 6" to 30" pipe, Wheel Sets, Rack mounted mainline Power Control Unit (PCU), Text Writer and Footage Overlay, 19" LCD video/computer monitor, 19" flat Screen in equipment room. DVR, Joystick and Handheld controller, Mainline Cable Reel with drop down cable guide system, 1500' Single Conductor double armored cable. Wash down equipment, Maintenance kit, Test Cables, Down-hole equipment, Two (2) days training, Additional equipment from Published Options.						

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	Proteus	SC21G047	1,640' truck/van/trailer mounted system - ACR500 cable drum with 1,640' of 2000lb tensile strength, kevlar reinforced, inspection cable operating with synchronization between crawler and cable drum speeds. Alignment over manhole through extend & swivel cable guide arm. Van mounted controller with crawler capabilities of inspecting 4" - 87" pipe diameters. Cam028 pressurized camera head with 135deg pan & 360deg continuous rotation, built in laser measurement (diameter, defect, water level, point measurements) and 120x zoom (10x digital 12x optical). ALB300 dual purpose auxilliary light/backup camera attachment for large diameter pipe. System compatible with 3rd party reporting softwares. Buildout- Insulated and covered walls, nonslip flooring, 15gal water system with retractable hose, toolbox storage, custom cabinetry in work & office area, street view monitor, 34" picture by picture monitor at operator controls. Truck mounted systems utilize 5,500watt onan generator, van mounted systems utilize 3000watt inverter.						
	Proteus	SC21G048	Truck/Van/Trailer mounted Lateral Launch System- Capable of 6" - 72" diameter pipes; Lateral Launch crawler, color camera, automatic reel with 820' cable capacity. Lateral equipmnt is compatible with any vehicle mounted Proteus system.						
<b>H. Miscellaneous Sewer Equipment</b>									
SC01-20	Aries Industries	SC21H001	Aries "Wolverine 2.0" cutter system, including: CT2750 robotic cutter for 6" to 18" pipes; CC2750 rack-mounted control system; PR2750 reel with 500' bonded hose assembly.						
SC01-20	Cobra Technologies	SC21H001A	AssetDMS Lateral is an LACP software that can capture video from any push camera with a video output. This allows for complete thorough inspections that can be accessed easily down the road. Features PACP Coding, MPEG2 Video Capture, PACP import - Pacp Export common reports - Tabular, Graphic and Picture - Viewer exports for a professional final product, available for viewing finalized video surveys complete with all observation entries on any PC. Can be upgraded to ProTouch						
SC01-20	Cobra Technologies	SC21H001B	AssetDMS Lite Inspection with PACP Coding Structure. Utilizing the touch screen Features PACP Coding, MPEG2 Video Capture, PACP import - Pacp Export common reports - Tabular, Graphic and Picture - Viewer exports for a professional final product, available for viewing finalized video surveys complete with all observation entries on any PC. Can be upgraded to ProTouch						

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SC01-20	Cobra Technologies	SC21H001C	AssetDMS Pro Touch Software with PACP coding structure A comprehensive and user friendly "Touch Screen" software application developed from an operator's perspective. Pro Touch simplifies the data entry process, resulting in the rapid assessment of pipeline inspection surveys; This software package is PACP/LACP certified by NASSCO. Standard offerings include: Video Recording options include Mpeg1, Mpeg2, Mpeg4 & H.264; PACP/LACP Import & export with all current version PACP certified softwares; User selectable auto image capture at each observation; Certified Pause; Inclination capable Standard Reports: Tabular reports, PlanView graphic reports, Image capture reports; Viewer exports for a professional final product, available for viewing finalized video surveys complete with all observation entries on any PC						
SC01-20	Cobra Technologies	SC21H001D	AssetDMS Pro Touch Full Licesne is a combination if the Pro Touch License and the Office Licesne giving the full range of capabilities. (See AssetDMS Pro Touch & AssetDMS Office Pro for more comprehensive description)						
SC01-20	Cobra Technologies	SC21H001E	Asset DMS Office Pro is a Centralized Asset Management System, running in SQL server, designed for easy and user friendly data import/export of PACP inspections allowing for survey viewing, editing and providing full enhanced reporting capabilities. Manage multiple projects Data collected in the field is transferred to the AssetDMS inspection database for analysis, management, storage, and report generation; Open Architecture database and functionality enabling data transfer from the AssetDMS Inspection licenses into the office as well as into Work Management and GIS programs such as GBA, CityWorks or Hansen; Reports designed for maximum clarity and readability - Conventional Reports, Cross Sections, Plan Views and Image Reports plus a host of other reports available. Incorporates extensive built in sort/filter options and rehabilitation modules, Work order labels may be modified. AssetDMS Office has a PACP, LACP, MACP standard allowing Users to import/export data to standardized formats. Windows						
SC01-20	Cobra Technologies	SC21H001F	AssetDMS Truck Mounted Computer (minimum specifications) 19" Rack Mounted PC for Data and Video Collection; Rack mount Industrial 3U computer; 120 GB Removable Solid State Hard Drive; Front-Access 2.0 USB Connectors; Power ON/OFF momentary switch; 6 min USB ports on rear; Lockable access door ; Intel Core I3 Processor or better ; 64GB, SATA OS Solid State Hard Drive; 10/100/1000Base-T Ethernet (RJ45 Port); 1 min Serial Port; 4GB min RAM; SATA DVD±RW/CD±RW Drive; MPEG Capture Card, PCI; Operating System: Microsoft® Windows™ 10 Professional; Pre-Installed and supplied with media; OEM License visible on outside of chassis						
SC01-20	Cobra Technologies	SC21H002	AssetDMS PACP Office: Single user stand-alone installation. Allows fast and simple access to inspection data and video files without using more complex engineering or work management programs. Includes data import and export, reporting functions, data editing, and more. Can be Intergrated with Arc Map. C.AMS can be imported into any PACP data certified vendor software.						

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SC01-20	Cobra Technologies	SC21H003	AssetDMS Office Network Licnese unlimited client seats.Operates with SQL on network. Allows user to connect to CAMS on their server and work with inspection data. Provides fast and simple access to inspection data and video files without using more complex engineering or work management programs. Includes data import and export, reporting functions Cross section and Planview , data editing, and more.						
SC01-20	Cobra Technologies	SC21H004	The Cobra PTZ V9 Camera, has all the features and functionality of Cobra's standard PTZ Camera in a smaller package. Using the latest LED Luxeon Star Illuminators, the camera can inspect pipe up to 48" diameter without adding additional lighting for most pipe types. The V9 Camera provides a 40:1 Optical Zoom. The directional lighting system is cold and will not heat the camera module. The lights operate on the same circuit as the camera so when the camera is powered, the lights automatically illuminate at full brightness eliminating the need for the conventional multi conductor Power Control Unit.						
SC01-20	Cobra Technologies	SC21H005	C 601 6" Crawler Assembly small enough to inspect relined 6" pipe, powerfull enough for tough jobs. Inspects relined 6"-15" pipe. Includes Crawler, Cobra PTZ camera, Stainless steel swivel connector.						
SC01-20	Cobra Technologies	SC21H006	C 800/801 8" Mainline Crawler Assy for 8"-36" pipe. Powerful, rugged and dependable with automatic electric clutch wired in parallel with motor Cobra Crawlers can be installed on any multiconductor system with an appropriate adaptor cable. Featuring an economical belt drive system Includes Crawler, belts, Cobra PTZ Camera, Stainless Steel swivel connector. Can be equipped with remote elevator for larger pipe applications up to 72"						
SC01-20	Cobra Technologies	SC21H006A	Cobra Technologies PTZ V5 Universal 3" Tube Camera for use on 800 crawler and other competitive US made inspection system. Using the latest LED Luxeon Star Illuminators, the camera can inspect pipe up to 48" diameter without adding additional lighting for most pipe types. The V5 Camera provides a 40:1 Optical Zoom. The directional lighting system is cold and will not heat the camera module. The lights operate on the same circuit as the camera so when the camera is powered, the lights automatically illuminate at full brightness. This is a package price including the V5 Camera and controller						
SC01-20	Cobra Technologies	SC21H007	Storm Crawler for 15"-120" pipe. Powerful skid steer rugged and dependable, Cobra Crawlers can be installed on any multiconductor system with an appropriate adaptor cable. Includes Crawler, tires, Cobra PTZ Camera, Stainless Steel swivel connector, manual gantry. Includes steerable controller. Elevator supplied separately.						
SC01-20	Cobra Technologies	SC21H007A	Cobra Technologies Sonar system to be used in conjunction with Cobra Technologies Control Units and or inspection system. The sonar system includes: 360° Sonar Scanner, Raft and Power distribution that allows use of Cobra Technologies Camera on Raft with Sonar head simultaneously. 1U Rack mount PC and Sonar Capture Software. Requires existing Cobra Technologies Inspection Systems to upgrade to CT-Orange Cable and New Systems to be ordered with upgraded CT-Orange cable.						
SC01-20	Douglas Products	SC21H008	Vaporoooter Jet Set Commander - PCL controlled, touch screen operated, chemical root foaming equipment and materials for use with a hydrojetter sewer truck or trailer jet.						
SC01-20	Economy Drilling Solutions (EDS)	SC21H009	Lo-K-Tor - Model 800 JHVE Trailer Mounted combination sewer cleaning unit, 800 gal. Debris tank, positive displacement vacuum system @ 26" Hg with reversing feature, 300 gal. Water system with high pressure wand.						
SC01-20	ENZ USA Inc	SC21H010	Type 01 RotoJet - RGS Nozzles with Replaceable Ceramic Jets						

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SC01-20	ENZ USA Inc	SC21H011	Type 02 RotoJet - HRH Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H012	Type 03 RotoJet - HRV Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H013	Type 04 RotoJet - KBR Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H014	Type 04 Rotopuls - KBR Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H015	Type 04 RotoJet - KBRV Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H016	Type 05 HP RotoJet - KBR Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H017	Type 06 HP RotoJet - Cross Jet Nozzles						
SC01-20	ENZ USA Inc	SC21H018	Type 07 Propeller Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H019	Type 10 Rotating Chain Scrapers and Accessories						
SC01-20	ENZ USA Inc	SC21H020	Type 13 Non-Percussion Milling Cutters						
SC01-20	ENZ USA Inc	SC21H021	Type 14 Percussion or Non-Percussion Milling Cutters and Accessories						
SC01-20	ENZ USA Inc	SC21H022	Type 30 Standard Cleaning Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H023	Type 36 Rotodril Nozzle						
SC01-20	ENZ USA Inc	SC21H024	Type 40 Grenade Bomb Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H025	Type 400/404/600 Bulldog Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H026	Type 410 Turbopuls - Vibration Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H027	Type 50 Bulldozer Scraper Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H028	Type 60 Chisel Point Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H029	Type 70 Flounder Nozzles with Replaceable Ceramic Jets						
SC01-20	ENZ USA Inc	SC21H030	Type 80 Ejector Nozzles with Replaceable Ceramic jets						
SC01-20	ENZ USA Inc	SC21H031	Type 90 Hose Roller Guides						
SC01-20	GapVax	SC21H032	GapVax Recycle Jet/Vac Sewer Cleaner, 1500 gallons, 10 1/2 yd3						
SC01-20	Infrastructure Technologies - ITpipes	SC21H038	ITpipes Mobile for field inspection with H.264 capture, subscription and support for one year.						
SC01-20	Infrastructure Technologies - ITpipes	SC21H039	ITpipes Mobile for field inspection and Sync for automated data management and Web for inspection reporting and						
SC01-20	Infrastructure Technologies - ITpipes	SC21H040	ITpipes Web SaaS for inspection reporting and review, initial setup and 1 user, subscription and support for 1						
SC01-20	Infrastructure Technologies - ITpipes	SC21H041	ITpipes Web On-premise for inspection reporting and review, initial setup and 1 user, subscription and support for 1 year.						
SC01-20	Infrastructure Technologies - ITpipes	SC21H042	ITpipes Web On-premise for inspection reporting and review, initial setup and 3 users, subscription and support for 1 year.						
SC01-20	Infrastructure Technologies - ITpipes	SC21H043	ITpipes Cloud includes up to 1 tb of storage and data syncing.						

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SC01-20	Infrastructure Technologies - ITpipes	SC21H044	Hardware Package includes rackmount or laptop computer, video capture and overlay display hardware. (No dongle required)						
SC01-20	Infrastructure Technologies - ITpipes	SC21H045	ITpipes Panorama*(Panorama by Ibak) Module includes the Panorama add on SI or mainline module to be used with ITpipes Mobile.						
SC01-20	Infrastructure Technologies - ITpipes	SC21H046	Consulting for data services, up to 8 hours.						
SC01-20	IBG	SC21H047	Wiesel/Smart nozzle, short nozzles great for turns manufactured from hardened alloy steel, for general pipe cleaning. Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H048	Dracula nozzle, shaped for easy penetration through sharp elbows and provides for easy retrieval from pipe. Hardened alloy steel. Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H049	HW70 High Efficiency Nozzle are manufactured for very dirty lines and is manufactured for long life. Hardened alloy steel. Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H050	HW75 High Efficiency Nozzle (larger lines than the HW70) are manufactured for very dirty lines and is manufactured for long life. Hardened alloy steel with Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H051	HW100 High Efficiency Nozzle (larger lines than the HW75) are manufactured for very dirty lines and is manufactured for long life. Hardened alloy steel. Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H052	Tri Star Chisel point nozzle manufactured from hardened steel alloy has a shape that is designed high penetration power. Nozzle inserts are all replaceable ceramic.						
SC01-20	IBG	SC21H053	Mega 6 Nozzle is designed flat and heavy in weight to order to provide maximum penetrating effect on mud. Multi angle jets, nozzle inserts are all replaceable ceramic, offer maximum cleaning in larger pipes.						
SC01-20	IBG	SC21H054	Mega 8 Nozzle is designed flat heavy in weight to order to provide maximum penetrating effect on mud for larger lines. Multi angle jets, nozzle inserts are all replaceable ceramic, offer maximum cleaning in larger pipes.						
SC01-20	IBG	SC21H055	Power Jet 600 is an ejector style nozzle that is designed for use in lines that are water bearing. Great nozzle for 16" to 140" lines using lower volumes that protect older pipe.						
SC01-20	IBG	SC21H056	Rondo nozzles perform with the same cleaning results of the rotating nozzles without losing the impact force due to spinning. The nozzle uses fan jets uniformly cleaning throughout the inside of the pipe.						
SC01-20	IBG	SC21H057	Rotomax nozzles are a superior rotating nozzle that is geared to a maintained speed to allow maximum cleaning and efficiency.						
SC01-20	IBG	SC21H058	Combi chain cutter; can be used with different kinds of chain and are very effective in roots, grease and some stabilized materials.						
SC01-20	IBG	SC21H059	VariCage, is a nozzle extension with adjustable heights to work in a variety of pipe sizes.						
SC01-20	KEG Technologies	SC21H060	Tier 1 Value Priced Stainless Steel Penetrating Nozzles, Drilled 100054 0.50" Triple Edge Quattro						
SC01-20	KEG Technologies	SC21H061	Tier 2 Mid-Range Efficiency Stainless Steel, Penetrating, Nozzles, Steel Inserts 100057-S 0.75" Drill Point Quattro (6)						



Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	KEG Technologies	SC21H062	Tier 1 Value Priced Stainless Steel Cleaning Nozzles, Drilled and /or Steel Inserts 100088-X 0.50" Standard Nozzle / no forward jet						
SC01-20	KEG Technologies	SC21H063	Tier 2 Mid-Range Efficiency Stainless Steel, Cleaning Nozzles, Steel Inserts 100212-S 0.50" Egg Nozzle (7)						
SC01-20	KEG Technologies	SC21H064	Tier 3 High Efficiency 80%+ Stainless Steel, Cleaning Nozzles, Steel Inserts 100009-S 0.38" Traction Nozzle (7)						
SC01-20	KEG Technologies	SC21H065	Tier 3 Ultra High Efficiency 90%+ Stainless Steel, Cleaning Nozzles, Steel Inserts 100030-S 0.75" Torpedo Nozzle (8)						
SC01-20	KEG Technologies	SC21H066	Tier 2 Mid-Range Efficiency Stainless Steel, Rotating Nozzles, Steel Inserts 100071-S 0.50" Rotor Nozzle (7)						
SC01-20	KEG Technologies	SC21H067	Tier 2 Mid-Range Efficiency Stainless Steel, Controlled Rotation Nozzles, Steel Inserts 100271-S 0.75" to 0.50" Axis Nozzle (9)						
SC01-20	KEG Technologies	SC21H068	Tier 3 High Efficiency 80%+ Stainless Steel, Floor Cleaners, Steel Inserts 100120-S 5 Jet Floor Cleaner						
SC01-20	KEG Technologies	SC21H069	Tier 2 High Torque/Rotation Stainless Steel, Chain Cutters, Steel Inserts 200110-S (6) Micro Cutter Kit 2", 3", 4" pipe						
SC01-20	KEG Technologies	SC21H070	Tier 3 High Efficiency Kleen-Vue Wireless Camera / Cleaning System, Base Direct Connect Unit						
SC01-20	Pipelogix	SC21H071	ADVANCED LICENSE WITH DVS / GIS / 360 / MANHOLE / 3D MEASUREMENT. Pipelogix Phoenix pipeline inspection data collection and reporting software including digital video capture, 360 Panorama capture and analysis, 3-D Measurement for Panorama SI, full GIS integration, NASSCO Version 7 certified for PACP/MACP/LACP, and PDF generated reports.						
SC01-20	Pipelogix	SC21H072	BASIC LEVEL LICENSE WITH DVS / GIS / 360 / MANHOLE / 3D MEASUREMENT. Pipelogix Phoenix pipeline inspection data collection and reporting software including digital video capture, 360 Panorama capture and analysis, 3-D Measurement for Panorama SI, full GIS integration, NASSCO Version 7 certified for PACP/MACP/LACP, and PDF generated reports.						
SC01-20	Pipelogix	SC21H073	COMPUTER PACKAGE includes rack mount computer, video capture device.						
SC01-20	Pipelogix	SC21H074	ENTRY LEVEL LICENSE Pipelogix Phoenix pipeline inspection data collection and reporting software including digital video capture, NASSCO Version 7 certified for PACP and PDF generated reports.						
SC01-20	Pipelogix	SC21H075	PORTABLE LEVEL LICENSE Pipelogix Phoenix pipeline inspection data collection and reporting software including digital video capture NASSCO Version 7 certified for PACP or LACP, and PDF generated reports.						
SC01-20	PipeHunter	SC21H076	Sidekick Easment Machine; Hyd 4-Wheel Drive						
SC01-20	PipeHunter	SC21H077	VacHunter Combo Jet/Vac Trailer						
SC01-20	PipeHunter	SC21H078	RED DAWG SEWER CLEANING NOZZLE KIT 1/2"						
SC01-20	PipeHunter	SC21H079	RED DAWG SEWER CLEANING NOZZLE KIT 3/4"						
SC01-20	PipeHunter	SC21H080	RED DAWG SEWER CLEANING NOZZLE KIT 1"						
SC01-20	PipeHunter	SC21H081	RED DAWG STORM WATER CLEANING NOZZLE KIT 1" & 3/4"						
SC01-20	PipeHunter	SC21H082	Red Dawg Root Cutter Kit, 105 Series						
SC01-20	Prowler	SC21H083	PRL-1000, Easement Sewer Machine, 1000 ft. hose reel/tract crawler / 4-way hydraulic drive						
SC01-20	Rausch	SC21H084	MOD-OP 1 - Protonic KAMM-AC 1, Pressure Testing system for Joints, 8 - 12" pipe diameter, consisting of 500ft cable reel with integrated air hose, system control unit, individual packer assemblies for 8, 10 and 12 inch pipe						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	Rausch	SC21H085	MOD-OP2 - Module "LL150"; Lateral Launch System, 3 to 10 inch lateral pipe diameter, consisting of QuadroSAT cable reel with 450ft camera cable connected to 100ft lateral launch cable, modules SKM, PM, ZKM and KS60 pan & tilt lateral camera, MC SAT40 lateral camera with upright picture, software package, factory system integration, spare parts kit, 2 days customer training.						
SC01-20	Rausch	SC21H086	MOD-OP3 - Module "L100cross/KS60"; Mini Camera/Tractor Mainline System, 4 to 12 inch pipe diameter, consisting of steerable L100cross transporter with manual height adjustment, KS60 pan & tilt camera, tire sets, spare parts kit, transportation/shipping case.						
SC01-20	Rausch	SC21H087	MOD-OP4 - Module "QuickLock"; mainline point repair system for 8 to 12 inch pipe diameter, consisting of 8-12 inch installation packer, adapter to Rausch L135 transporter, QuickLock accessory package, 300ft manual air hose reel with pressure regulator and valve, 5 complete sleeves for 12 inch diameter, 2 days customer training.						
SC01-20	Rausch	SC21H088	MOD-OP5 - Module "Pure View"; 3-D mainline inspection system for 8"-24" inch pipe diameter, consisting of Pure View camera, software package, 2 days customer training.						
SC01-20	Rausch	SC21H089	UPG-OP1 - Upgrade from Quadro300 cable reel with 1,000ft cable to ELKA600 cable reel with 1,300ft cable; includes factory installation, rack-mount with slide and drawer.						
SC01-20	Rausch	SC21H090	UPG-OP2 - Upgrade from EcoStar control unit to Proline; includes factory installation.						
SC01-20	Rausch	SC21H091	UPG-OP3 - Upgrade/conversion of mainline camera KS135 to KS135Scan mainline, laser profiling and crack measurement system; includes factory hardware changes, software package, 2 day training.						
SC01-20	RE Management Services, LLC.	SC21H092	UPG-OPT1: ID-Tec PTO-powered generator for High Pressure Unit HDE23 @ 500bar (7,250PSI) consisting of: MP30 power set 30KVA, system and vehicle accessories, HDE23_500_21S electric High-Pressure unit						
SC01-20	RE Management Services, LLC.	SC21H093	UPG-OPT2: ID-Tec Premium Installation package, consisting of: custom-built operating studio, cabinetry, shelving, interior lighting, exterior strobes, directional LED bar, rear-view camera, underbody storage (whenever possible)						
SC01-20	RE Management Services, LLC.	SC21H094	UPG-OPT3: ID-Tec Extreme Weather Package – COLD, consisting of: specialized pump and specialized equipment seals, temperature monitoring, insulated water hoses inside vehicle, water tank heater; etc. for operating in temperatures up to minus 25°C (-10°F).						
SC01-20	RE Management Services, LLC.	SC21H095	UPG-OPT4: ID-Tec Extreme Weather Package – TROPICAL, consisting of: dual A/C unit, Studio dehumidifier, ventilated equipment room, etc.						
SC01-20	RE Management Services, LLC.	SC21H096	UPG-OPT5: ID-Tec Premium maintenance package.						
SC01-20	RE Management Services, LLC.	SC21H097	UPG-OPT6: Upgrade for existing ID-Tec mainline CCTV inspection system to perform Precision Water Jet Cutting, consisting of: WJ125, HAI25, electric hose reel with 400ft high-pressure hose, Gasoline High-pressure unit @500bar (7,250PSI), firmware, installation into a suitable vehicle, 4-day training.						
SC01-20	Ring-O-Matic	SC21H098	850SV Skid-Truck Mounted Vac Only (No Water), 800 Gallon Debris Tank , Positive Displacement Blower, Gas Powered.						
SC01-20	Ring-O-Matic	SC21H099	850SV Trailer-Trailer Mounted Vac Only (No Water), 800 Gallon Debris Tank , Positive Displacement Blower, Gas Powered.						
SC01-20	Ring-O-Matic	SC21H100	850SV Skid-Truck Mounted Vac Only (No Water), 800 Gallon Debris Tank , Positive Displacement Blower, Diesel Powered.						
SC01-20	Ring-O-Matic	SC21H101	850SV Trailer-Trailer Mounted Vac Only (No Water), 800 Gallon Debris Tank , Positive Displacement Blower, Diesel Powered.						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	Rota-JETTER	SC21H102	CULVERT CLEANER Model: FC-5000 Hydro-Static PTO drive with manual movement. Winch assist. Water Pump 10gpm, 150psi, 150 foot Hose, Hose Reel, Tool Holders, 425Gallon Tank, Double Axle Trailer, 9", 11", 13" Tools Standard.						
SC01-20	Rota-JETTER	SC21H103	CULVERT CLEANER Model: FC-6000 Hydro-Static PTO and ground travel. Self-Propelled. Independent PTO variable speed control and ground movement control. Water Pump 10gpm, 150psi, 150 foot Hose, Hose Reel, Tool Holders, 425Gallon Tank, Double Axle Trailer, 9", 11", 13" 16", 18, 22" Culvert Tools.						
SC01-20	Rota-JETTER	SC21H104	Skid-Steer CULVERT CLEANER Quick-Attach Model: FC-5000 Operates of Aux Hydraulic Skid Steer Ports. High and Reg Flow units, Water Pump 10gpm, 150psi, 150 foot Hose, Hose Reel, Tool Holders, 425Gallon Tank, Double Axle Trailer, 9", 11", 13" 16", 18, and 22" Culvert Tools.						
SC01-20	Sewer Equipment Co.	SC21H105	JAJ-600TH Easement Machine, dedicated tracks, rotating reel						
SC01-20	Sewer Equipment Co.	SC21H106	JAJ-600WH Easement Machine, expandable-tracks, rotating reel						
SC01-20	Sewer Equipment Co.	SC21H107	JAJ-600SK Easement Machine, skid steered, rotating reel						
SC01-20	Sewer Equipment Co.	SC21H108	Hydraulic Bucket Machine, pull in						
SC01-20	Sewer Equipment Co.	SC21H109	Hydraulic Bucket Machine, truck loader						
SC01-20	Sewer Equipment Co.	SC21H110	444 Sectional rodder for truck or trailer mounting						
SC01-20	Sewer Equipment Co.	SC21H111	866 Continuous rodder for truck or trailer mounting						
SC01-20	Sewer Equipment Co.	SC21H112	877-TK Sectional rodder						
SC01-20	Sewer Equipment Co.	SC21H113	RamVac-2000 trailer mounted vacuum						
SC01-20	Sewer Equipment Co.	SC21H114	RamVac-3000 trailer mounted vacuum						
SC01-20	Sewer Equipment Co.	SC21H115	RamVac - 2600CM trailer mounted combo sewer cleaner						
SC01-20	Sewer Equipment Co.	SC21H116	Genesis 13 Yard Truck Mounted Water Recycling Sewer Cleaner						
SC01-20	Sewer Equipment Co.	SC21H117	RamVac 4000 2-Yard Truck Mounted Air Excavator						
SC01-20	Sewer Equipment Co.	SC21H118	RamVac 4000XL 3-Yard Truck Mounted Air Excavator						
SC01-20	Sewer Equipment Co.	SC21H119	RamVac - 3600CM trailer mounted combo sewer cleaner						
SC01-20	SRECO	SC21H120	HSS16TM/HS38TM, Truck Mounted Rodding Machine						
SC01-20	SRECO	SC21H121	HSS16TR/HS38TR, Trailer Mounted Rodding Machine						
SC01-20	SRECO	SC21H122	Robotic Rodding Machine, Truck Mounted						
SC01-20	SRECO	SC21H123	Robotic Rodding Machine, Trailer Mounted						
SC01-20	SRECO	SC21H124	RTM-1 Rod Turning Machine						
SC01-20	SRECO	SC21H125	10 Roller Duet Rodder						
SC01-20	SRECO	SC21H126	EMSP-6, Self-Propelled Easement Machine, Hyd 4-Wheel Drive						
SC01-20	SRECO	SC21H127	Bucket Machine, Mechanical, Standard Pull						
SC01-20	SRECO	SC21H128	Bucket Machine, Hydraulic						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	R.S.Technical Service, Inc.	SC21H129	RodSTAR Pan & Tilt Lateral Launch System, 3 to 10 inch lateral pipe diameter, consisting of Launch cable reel with 500ft 3/16" armored camera cable connected to 100ft fiberglass rod lateral launch cable, Pan & Tilt camera controller, factory system integration, spare parts kit, 2 days customer training.						
SC01-20	UEMSI	SC21H130	SRX-C - Easement Machine - 1"x400"x2500 Hose, 90 Degree Pivot Reel, Hydraulic Power is Provided via the Auxiliary Hydraulic System of a Skid Steer Loader.						
SC01-20	WinCan	SC21H131	Entry Package; includes VX Entry license with upgrade, subscription for one year, and Enterprise Infinity Support Plan.						
SC01-20	WinCan	SC21H132	Lite Package; includes VX Lite license with upgrade, one year subscription and Lite Silver Annual Infinity support plan.						
SC01-20	WinCan	SC21H133	ADVANCED PACKAGE; VX Advanced license with upgrade, one year subscription, Expert Infinity Support plan and 3 User WinCan VX Expert Network License.						
SC01-20	WinCan	SC21H134	EXPERT PACKAGE; VX Expert license with upgrade, subscription support for one year, Expert Enterprise Infinity Support Plan for one year, 3 user WinCan VX Expert Network License, 3 one year support subscriptions and 3 user Expert Enterprise Infinity Support Plans.						
SC01-20	WinCan	SC21H135	OFFICE PACKAGE; includes WinCan office license with upgrade, one year subscription for support, Office enterprise Infinity Support Plan, and 3 user WinCan VX Office Network license, Office Network subscriptions and Office Infinity Support Plan.						
SC01-20	WinCan	SC21H136	PROTOUCH; Includes the WinCan ProTouch, with upgrade, annual subscription and Infinity Support Plan.						
SC01-20	WinCan	SC21H137	LASER SCANNING MODULES; Includes Video compression add on, Ring Laser Deformation Measurement (with upgrade), Annual subscription and Maintenance plan.						
SC01-20	WinCan	SC21H138	SCAN EXPLOER MODULE; Includes Scan Explorer, (with upgrade) annual subscription, asset management module and subscription for asset management module.						
SC01-20	WinCan	SC21H139	HARDWARE PACKAGE; Includes rackmount computer, video capture device, overlay and Dongle.						
<b>I. Miscellaneous Sewer Cleaning Services</b>									
SC01-20	Douglas Products	SC211001	Vaporooter - Chemical Root Control, 6" thru 10" pipe; (Minimum 20,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Douglas Products	SC211002	Vaporooter - Chemical Root Control, 12" thru 18" pipe; (Minimum 20,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211003	Razorooter II - Chemical Root Control, 4" thru 9" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211004	Razorooter II - Chemical Root Control, 10" thru 12" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211005	Razorooter II - Chemical Root Control, 13" thru 16" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211006	Razorooter II - Chemical Root Control, 18" thru 22" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211007	Razorooter II - Chemical Root Control, 24" thru 30" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	Dukes Root Control	SC211008	Razorooter II - Chemical Root Control, 32" thru 36" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						

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SC01-20	Dukes Root Control	SC211009	Razorooter II - Chemical Root Control, 36" thru 48" pipe; (Minimum 3,000 Lft) (price shown is the cost per lineal foot)						
SC01-20	EnviroSystems, LLC	SC211010	MOBILIZATION / DEMOBILIZATION OF EQUIPMENT & CREWS						
SC01-20	EnviroSystems, LLC	SC211011	3D MANHOLE CONDITION ASSESSMENT WITH INTERNAL IMAGES AND GPS DATA COLLECTION						
SC01-20	EnviroSystems, LLC	SC211012	STRUCTURAL MANHOLE CONDITION ASSESSMENT WITH INTERNAL IMAGES						
SC01-20	EnviroSystems, LLC	SC211013	3D WET WELL CONDITION ASSESSMENT (LESS THAN OR EQUAL TO 8-FT DIAMETER)						
SC01-20	EnviroSystems, LLC	SC211014	3D WET WELL CONDITION ASSESSMENT (GREATER THAN 8-FT DIAMETER)						
SC01-20	EnviroSystems, LLC	SC211015	UN-COVER BURIED MANHOLES LESS THAN 12" DEEP						
SC01-20	EnviroSystems, LLC	SC211016	REMOVAL OF STABILIZED DEBRIS IN MANHOLE INVERTS						
SC01-20	EnviroSystems, LLC	SC211017	INSTALLATION OF STAINLESS STEEL RAINSTOPPER DURING MANHOLE CONDITION ASSESSMENT						
SC01-20	EnviroSystems, LLC	SC211018	MANHOLE/WET WELL INSPECTION DATA MANAGEMENT						
SC01-20	EnviroSystems, LLC	SC211019	MANHOLE/WET WELL REHABILITATION RECOMMENDATIONS						
SC01-20	EnviroSystems, LLC	SC211020	TEMPORARY FLOW MONITORING (1-5) METERS						
SC01-20	EnviroSystems, LLC	SC211021	TEMPORARY FLOW MONITORING (1-5) METERS - AFTER 60 DAYS						
SC01-20	EnviroSystems, LLC	SC211022	TEMPORARY FLOW MONITORING (6-10) METERS						
SC01-20	EnviroSystems, LLC	SC211023	TEMPORARY FLOW MONITORING (6-10) METERS - AFTER 60 DAYS						
SC01-20	EnviroSystems, LLC	SC211024	TEMPORARY FLOW MONITORING (11-15) METERS						
SC01-20	EnviroSystems, LLC	SC211025	TEMPORARY FLOW MONITORING (11-15) METERS - AFTER 60 DAYS						
SC01-20	EnviroSystems, LLC	SC211026	TEMPORARY FLOW MONITORING (16 OR MORE) METERS						
SC01-20	EnviroSystems, LLC	SC211027	TEMPORARY FLOW MONITORING (16 OR MORE) METERS - AFTER 60 DAYS						
SC01-20	EnviroSystems, LLC	SC211028	LONG TERM FLOW MONITORING (1-5 SITES) - ONE YEAR MINIMUM						
SC01-20	EnviroSystems, LLC	SC211029	LONG TERM FLOW MONITORING (6-9 SITES) - ONE YEAR MINIMUM						
SC01-20	EnviroSystems, LLC	SC211030	TEMPORARY RAIN GAUGES						
SC01-20	EnviroSystems, LLC	SC211031	LONG TERM RAIN GAUGES - ONE YEAR MINIMUM						
SC01-20	EnviroSystems, LLC	SC211032	NIGHT FLOW ISOLATION						
SC01-20	EnviroSystems, LLC	SC211033	SMOKE TESTING						

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SC01-20	EnviroSystems, LLC	SC211034	SMOKE TESTING DATA MANAGEMENT						
SC01-20	EnviroSystems, LLC	SC211035	STANDARD SEWER LINE CLEANING OF 6" - 12" PIPE						
SC01-20	EnviroSystems, LLC	SC211036	HEAVY SEWER LINE CLEANING OF 6" - 12" PIPE (Add-on to Standard Cleaning Rate)						
SC01-20	EnviroSystems, LLC	SC211037	STANDARD SEWER LINE CLEANING OF 6"-12" PIPE IN EASEMENT						
SC01-20	EnviroSystems, LLC	SC211038	HEAVY SEWER LINE CLEANING OF 6" - 12" PIPE IN EASEMENT (Add-on to Standard Cleaning Rate in Easement)						
SC01-20	EnviroSystems, LLC	SC211039	STANDARD SEWER LINE CLEANING OF 13" - 24" PIPE						
SC01-20	EnviroSystems, LLC	SC211040	HEAVY SEWER LINE CLEANING OF 13" - 24" PIPE (Add-on to Standard Cleaning Rate)						
SC01-20	EnviroSystems, LLC	SC211041	STANDARD SEWER LINE CLEANING OF 13"-24" PIPE IN EASEMENT						
SC01-20	EnviroSystems, LLC	SC211042	HEAVY SEWER LINE CLEANING OF 13" - 24" PIPE IN EASEMENT (Add-on to Standard Cleaning Rate in Easement)						
SC01-20	EnviroSystems, LLC	SC211043	STANDARD SEWER LINE CLEANING OF 25" - 36" PIPE						
SC01-20	EnviroSystems, LLC	SC211044	HEAVY SEWER LINE CLEANING OF 25" - 36" PIPE (Add-on to Standard Cleaning Rate)						
SC01-20	EnviroSystems, LLC	SC211045	STANDARD SEWER LINE CLEANING OF 25"-36" PIPE IN EASEMENT						
SC01-20	EnviroSystems, LLC	SC211046	HEAVY SEWER LINE CLEANING OF 25" - 36" PIPE IN EASEMENT (Add-on to Standard Cleaning Rate in Easement)						
SC01-20	EnviroSystems, LLC	SC211047	STANDARD SEWER LINE CLEANING OF 37" - 48" PIPE (Add-on to Standard Cleaning Rate)						
SC01-20	EnviroSystems, LLC	SC211048	HEAVY SEWER LINE CLEANING OF 37" - 48" PIPE						
SC01-20	EnviroSystems, LLC	SC211049	STANDARD SEWER LINE CLEANING OF 37"- 48" PIPE IN EASEMENT						
SC01-20	EnviroSystems, LLC	SC211050	HEAVY SEWER LINE CLEANING OF 37" - 48" PIPE IN EASEMENT (Add-on to Standard Cleaning Rate in Easement)						
SC01-20	EnviroSystems, LLC	SC211051	ROOT / GREASE CUTTING IN 6" - 15" PIPE						
SC01-20	EnviroSystems, LLC	SC211052	ROOT / GREASE CUTTING IN 16" - 21" PIPE						
SC01-20	EnviroSystems, LLC	SC211053	ROOT / GREASE CUTTING IN 22" - 30" PIPE						
SC01-20	EnviroSystems, LLC	SC211054	CHEMICAL ROOT CONTROL IN 6" - 8" SEWER PIPE						
SC01-20	EnviroSystems, LLC	SC211055	CHEMICAL ROOT CONTROL IN 10" - 12" SEWER PIPE						
SC01-20	EnviroSystems, LLC	SC211056	CHEMICAL ROOT CONTROL IN 15" - 18" SEWER PIPE						
SC01-20	EnviroSystems, LLC	SC211057	CHEMICAL ROOT CONTROL IN 21" - 48" SEWER PIPE						
SC01-20	EnviroSystems, LLC	SC211058	REMOVAL OF PROTRUDING TAPS BY INTERNAL CUTTING						

Contract	Manufacturer	Product Code	Description	Price	Bid Price Rank	Bid Price Score (Bid Price Rank x .90)	Bid Price Rank	Past Sales Performance Score (Bid Price Rank x 0/.10)	Awardee (Highest Score) (Columns F + H)
SC01-20	EnviroSystems, LLC	SC211059	CCTV INSPECTION < 30" PIPE						
SC01-20	EnviroSystems, LLC	SC211060	CCTV INSPECTION > 30" PIPE						
SC01-20	EnviroSystems, LLC	SC211061	ADDITIONAL SETUP OF CCTV INSPECTION EQUIPMENT						
SC01-20	EnviroSystems, LLC	SC211062	CCTV INSPECTION OF SERVICE LATERALS (LATERAL LAUNCHING FROM MAINLINE)						
SC01-20	EnviroSystems, LLC	SC211063	CCTV INSPECTION OF SERVICE LATERALS (PUSH CAMERA FROM CLEANOUT)						
SC01-20	EnviroSystems, LLC	SC211064	CCTV INSPECTION DATA MANAGEMENT						
SC01-20	EnviroSystems, LLC	SC211065	SEWER PIPE REHABILITATION RECOMMENDATIONS						
SC01-20	EnviroSystems, LLC	SC211066	SETUP OF 3"-4" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211067	SETUP OF 6" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211068	SETUP OF 8" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211069	OPERATION OF 3"-4" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211070	OPERATION OF 6" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211071	OPERATION OF 8" BY-PASS PUMP						
SC01-20	EnviroSystems, LLC	SC211072	TRAFFIC CONTROL						
SC01-20	EnviroSystems, LLC	SC211073	CLEANING WET WELLS						
SC01-20	EnviroSystems, LLC	SC211074	DYE TESTING - IN CONJUNCTION WITH CCTV INSPECTION OF 6"-12" PIPE						
SC01-20	EnviroSystems, LLC	SC211075	DYE TESTING - IN CONJUNCTION WITH CCTV INSPECTION OF 15"-30" PIPE						
SC01-20	EnviroSystems, LLC	SC211076	DYE TESTING - NOT IN CONJUNCTION WITH CCTV INSPECTION						
SC01-20	EnviroSystems, LLC	SC211077	SONAR INSPECTION OF > 12" DIAMETER SEWER PIPE						
SC01-20	EnviroSystems, LLC	SC211078	ELECTRO SCAN INSPECTION OF 8"-21" PIPE						
SC01-20	EnviroSystems, LLC	SC211079	ACOUSTIC PIPE ASSESSMENT						
SC01-20	EnviroSystems, LLC	SC211080	EMERGENCY COMBINATION CLEANING TRUCK WITH OPERATOR AND HELPER < 10,000 LF (MIN. 8 HRS)						
SC01-20	EnviroSystems, LLC	SC211081	EMERGENCY CCTV INSPECTION UNIT WITH OPERATOR AND HELPER < 10,000 LF (MIN. 8 HRS)						
SC01-20	Dukes Root Control	SC211082	ITRACKER I & I MICRODETECTION PROGRAM ALL EQUIPMENT AND SERVICE						





<b>Form H - Marketing</b>	<b>Invitation No.: SC01-21</b>
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<b>Offeror Name:</b>	
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Bidder shall provide a written narrative explaining in some detail activities that will be undertaken to actively market and promote an H-GAC contract to local government and non-profit End Users.

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# CONFLICT OF INTEREST QUESTIONNAIRE

For vendor doing business with local governmental entity

## FORM CIQ

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.

A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

### OFFICE USE ONLY

Date Received

**1** Name of vendor who has a business relationship with local governmental entity.

**2**  Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3** Name of local government officer about whom the information is being disclosed.

\_\_\_\_\_  
Name of Officer

**4** Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?

Yes       No

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes       No

**5** Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.

**6**  Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**

\_\_\_\_\_  
Signature of vendor doing business with the governmental entity

\_\_\_\_\_  
Date

## **CONFLICT OF INTEREST QUESTIONNAIRE**

### **For vendor doing business with local governmental entity**

A complete copy of Chapter 176 of the Local Government Code may be found at <http://www.statutes.legis.state.tx.us/Docs/LG/htm/LG.176.htm>. For easy reference, below are some of the sections cited on this form.

**Local Government Code § 176.001(1-a):** "Business relationship" means a connection between two or more parties based on commercial activity of one of the parties. The term does not include a connection based on:

- (A) a transaction that is subject to rate or fee regulation by a federal, state, or local governmental entity or an agency of a federal, state, or local governmental entity;
- (B) a transaction conducted at a price and subject to terms available to the public; or
- (C) a purchase or lease of goods or services from a person that is chartered by a state or federal agency and that is subject to regular examination by, and reporting to, that agency.

**Local Government Code § 176.003(a)(2)(A) and (B):**

(a) A local government officer shall file a conflicts disclosure statement with respect to a vendor if:

\*\*\*

(2) the vendor:

(A) has an employment or other business relationship with the local government officer or a family member of the officer that results in the officer or family member receiving taxable income, other than investment income, that exceeds \$2,500 during the 12-month period preceding the date that the officer becomes aware that

- (i) a contract between the local governmental entity and vendor has been executed;
- or
- (ii) the local governmental entity is considering entering into a contract with the vendor;

(B) has given to the local government officer or a family member of the officer one or more gifts that have an aggregate value of more than \$100 in the 12-month period preceding the date the officer becomes aware that:

- (i) a contract between the local governmental entity and vendor has been executed; or
- (ii) the local governmental entity is considering entering into a contract with the vendor.

**Local Government Code § 176.006(a) and (a-1)**

(a) A vendor shall file a completed conflict of interest questionnaire if the vendor has a business relationship with a local governmental entity and:

- (1) has an employment or other business relationship with a local government officer of that local governmental entity, or a family member of the officer, described by Section 176.003(a)(2)(A);
- (2) has given a local government officer of that local governmental entity, or a family member of the officer, one or more gifts with the aggregate value specified by Section 176.003(a)(2)(B), excluding any gift described by Section 176.003(a-1); or
- (3) has a family relationship with a local government officer of that local governmental entity.

(a-1) The completed conflict of interest questionnaire must be filed with the appropriate records administrator not later than the seventh business day after the later of:

(1) the date that the vendor:

- (A) begins discussions or negotiations to enter into a contract with the local governmental entity; or
- (B) submits to the local governmental entity an application, response to a request for proposals or bids, correspondence, or another writing related to a potential contract with the local governmental entity; or

(2) the date the vendor becomes aware:

- (A) of an employment or other business relationship with a local government officer, or a family member of the officer, described by Subsection (a);
- (B) that the vendor has given one or more gifts described by Subsection (a); or
- (C) of a family relationship with a local government officer.

# CONTRACTOR CONTACT INFORMATION

**ATTENTION Houston-Galveston Area Council (H-GAC) Contractor:** The following information is needed to communicate with your company concerning contract matters which may arise. To expedite the process, we ask that you provide the information requested below. **During the term of this contract, notify H-GAC in writing of any changes to this information by emailing updates to: [cpcontractfax@h-gac.com](mailto:cpcontractfax@h-gac.com)**

## Section I

<b>CONTRACTOR:</b> _____	<b>CONTRACT #:</b> _____
<b>Purchase Order:</b> _____	<b>Invoice:</b> _____
Contact Name: _____	Contact Name: _____
Address: _____	Address: _____
City _____ State _____ Zip Code _____	City _____ State _____ Zip Code _____
Telephone No.: _____	Telephone No.# _____
Fax No. _____	Fax No.# _____
Email Address: _____	Email Address: _____

## Section II

### CONTRACT INFORMATION:

*Indicate the person (s) authorized to: sign contracts, request contract price increases, or other contract-related documents. A copy of your corporate resolution may be acceptable for Section II.*

1. Printed Name of Signatory: _____	2. Printed Name of Signatory: _____
Corporate Title: _____	Corporate Title: _____
Tel. No.: _____	Tel. No.: _____
Fax No.: _____	Fax No.: _____
Email: _____	Email: _____

## Section III

### SALES CONTACT (Person who end users will contact for product information and pricing quotes)

Contact Name: _____	Title: _____
Address: _____	_____
Street _____	City _____ State _____ Zip _____
Telephone No.: _____	Fax No.: _____
Mobile No.: (optional) _____	Email: _____

## CERTIFICATE OF INTERESTED PARTIES – FORM 1295

**Certificate of Interested Parties (Form 1295 – must be filled out electronically with the Texas Ethics Commission’s online filing application, printed out, signed, notarized, and attached to proposal in the response - Section TAB A)**

H-GAC is required to comply with House Bill 1295, which amended the Texas Government Code by adding Section 2252.908, Disclosure of Interested Parties. Section 2252.908 prohibits H-GAC from entering into a contract resulting from this RFP with a business entity unless the business entity submits a Disclosure of Interested Parties (Form 1295) to H-GAC at the time business entity submits the signed contract. The Texas Ethics Commission has adopted rules requiring the business entity to file Form 1295 electronically with the Texas Ethics Commission. The following definitions apply:

- (1) **“Business Entity”** means an entity recognized by law through which business is conducted, including a sole proprietorship, partnership, or corporation. TEX. GOV’T CODE § 2252.908(1).
- (2) **“Interested Party”** means a person:
  - a) who has a controlling interest in a business entity with whom H-GAC contracts; or
  - b) who actively participates in facilitating the contract or negotiating the terms of the contract, including a broker, intermediary, adviser, or attorney for the business entity. TEX. GOV’T CODE § 2252.908(3).
- (3) **“Controlling interest”** means:
  - a) an ownership interest or participating interest in a business entity by virtue of units, percentage, shares, stock, or otherwise that exceeds 10 percent;
  - b) membership on the board of directors or other governing body of a business entity of which the board or other governing body is composed of not more than 10 members; or
  - c) service as an officer of a business entity that has four or fewer officers, or service as one of the four officers most highly compensated by a business entity that has more than four officers. *Subsection (c) does not apply to an officer of a publicly held business entity or its wholly owned subsidiaries.* TEX. ETHICS COMM. RULE 46.3(c).
- (4) **“Intermediary”** means a person who actively participates in the facilitation of the contract or negotiating the contract, including a broker, adviser, attorney, or representative of or agent for the business entity who:
  - a) receives compensation from the business entity for the person’s participation;
  - b) communicates directly with the governmental entity or state agency on behalf of the business entity regarding the contract; and
  - c) is not an employee of the business entity. TEX. ETHICS COMM. RULE 46.3(e).

**As a “business entity,” all vendors must:**

- (1) **complete Form 1295 electronically** with the Texas Ethics Commission using the online filing application, which can be found at [https://www.ethics.state.tx.us/whatsnew/elf\\_info\\_form1295.htm](https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm)
  - **All vendors must complete Form 1295, even if no interested parties exist**
  - In Section 2, insert “Houston-Galveston Area Council”
  - In Section 3, insert the H-GAC RFP # for this proposal
- (2) **print a copy of the completed form** (make sure that it has a computer-generated certification number in the “Office Use Only” box)
- (3) have an authorized agent of the business entity **sign the form**
- (4) **notarize the form**
- (5) **submit** the completed, signed, notarized Form 1295, with the certification of filing, by **attaching the form to your proposal in Section TAB A**

H-GAC must acknowledge the receipt of the filed Form 1295 by notifying the Texas Ethics Commission of the receipt of the filed Form 1295 no later than the 30<sup>th</sup> day after receipt by H-GAC. After H-GAC acknowledges the Form 1295, the Texas Ethics Commission will post the completed Form 1295 to its website with seven business days after receiving notice from H-GAC.

# CERTIFICATE OF INTERESTED PARTIES

# FORM 1295

Complete Nos. 1 - 4 and 6 if there are interested parties.  
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

### OFFICE USE ONLY

**1 Name of business entity filing form, and the city, state and country of the business entity's place of business.**

**2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.**

**3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.**

4 Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
		Controlling	Intermediary

**5 Check only if there is NO Interested Party.**

**6 AFFIDAVIT** I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.

\_\_\_\_\_  
 Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said \_\_\_\_\_, this the \_\_\_\_\_ day  
 of \_\_\_\_\_, 20 \_\_\_\_\_, to certify which, witness my hand and seal of office.

\_\_\_\_\_  
 Signature of officer administering oath

\_\_\_\_\_  
 Printed name of officer administering oath

\_\_\_\_\_  
 Title of officer administering oath

**ADD ADDITIONAL PAGES AS NECESSARY**

# House Bill 89 Verification Form

## Prohibition on Contracts with Companies Boycotting Israel

The 85<sup>th</sup> Texas Legislature approved new legislation, effective Sept. 1, 2017, which amends Texas Local Government Code Section 1. Subtitle F, Title 10, Government Code by adding Chapter 2270 which states that a governmental entity may not enter into a contract with a company for goods or services unless the contract contains a written verification from the company that it:

- 1) does not boycott Israel; and
- 2) will not boycott Israel during the term of the contract

Pursuant to Section 2270.001, Texas Government Code:

1. "Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes; and
2. "Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or any limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company or affiliate of those entities or business associations that exist to make a profit.

---

I, (authorized official) \_\_\_\_\_, do hereby depose and verify the truthfulness and accuracy of the contents of the statements submitted on this certification under the provisions of Subtitle F, Title 10, Government Code Chapter 2270 and that the company named below:

- 1) does not boycott Israel currently; and
- 2) will not boycott Israel during the term of the contract; and
- 3) is not currently listed on the State of Texas Comptroller's Companies that Boycott Israel List located at <https://comptroller.texas.gov/purchasing/publications/divestment.php>

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Company Name

---

Signature of Authorized Official

---

Title of Authorized Official

---

Date



# H-GAC

Houston-Galveston Area Council  
P.O. Box 22777 · 3555 Timmons · Houston, Texas 77227-2777

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## Cooperative Agreement -

### GENERAL PROVISIONS

This Agreement is made and entered into, by and between the Houston-Galveston Area Council hereinafter referred to as H-GAC having its principal place of business at 3555 Timmons Lane, Suite 120, Houston, Texas 77027 and \_\_\_\_\_, hereinafter referred to as the Contractor, having its principal place of business at \_\_\_\_\_.

WITNESSETH:

WHEREAS, H-GAC hereby engages the Contractor to perform certain services in accordance with the specifications of the Agreement; and

WHEREAS, the Contractor has agreed to perform such services in accordance with the specifications of the Agreement;

NOW, THEREFORE, H-GAC and the Contractor do hereby agree as follows:

#### **ARTICLE 1: LEGAL AUTHORITY**

The Contractor warrants and assures H-GAC that it possesses adequate legal authority to enter into this Agreement. The Contractor's governing body, where applicable, has authorized the signatory official(s) to enter into this Agreement and bind the Contractor to the terms of this Agreement and any subsequent amendments hereto.

#### **ARTICLE 2: APPLICABLE LAWS**

The Contractor agrees to conduct all activities under this Agreement in accordance with all applicable rules, regulations, directives, standards, ordinances, and laws, in effect or promulgated during the term of this Agreement, including without limitation, workers' compensation laws, minimum and maximum salary and wage statutes and regulations, and licensing laws and regulations. When required, the Contractor shall furnish H-GAC with satisfactory proof of its compliance therewith.

#### **ARTICLE 3: INDEPENDENT CONTRACTOR**

The execution of this Agreement and the rendering of services prescribed by this Agreement do not change the independent status of H-GAC or the Contractor. No provision of this Agreement or act of H-GAC in performance of the Agreement shall be construed as making the Contractor the agent, servant or employee of H-GAC, the State of Texas or the United States Government. Employees of the Contractor are subject to the exclusive control and supervision of the Contractor. The Contractor is solely responsible for employee related disputes and discrepancies, including employee payrolls and any claims arising therefrom.

#### **ARTICLE 4: WHOLE AGREEMENT**

The General Provisions, Special Provisions, and Attachments, as provided herein, constitute the complete Agreement ("Agreement") between the parties hereto, and supersede any and all oral and written agreements between the parties relating to matters herein. Except as otherwise provided herein, this Agreement cannot be modified without written consent of the parties.

#### **ARTICLE 5: SCOPE OF SERVICES**

The services to be performed by the Contractor are outlined in an Attachment to this Agreement.

**ARTICLE 6: PERFORMANCE PERIOD**

This Agreement shall be performed during the period which begins \_\_\_\_\_ and ends \_\_\_\_\_. All services under this Agreement must be rendered within this performance period, unless directly specified under a written change or extension provisioned under Article 15, which shall be fully executed by both parties to this Agreement.

**ARTICLE 7: PAYMENT OR FUNDING**

Payment provisions under this Agreement are outlined in the Special Provisions.

**ARTICLE 8: REPORTING REQUIREMENTS**

If the Contractor fails to submit to H-GAC in a timely and satisfactory manner any report required by this Agreement, or otherwise fails to satisfactorily render performances hereunder, H-GAC may terminate this agreement with notice as identified in Article 16 of these General Provisions. H-GAC has final determination of the adequacy of performance and reporting by Contractor. Termination of this agreement for failure to perform may affect Contractor's ability to participate in future opportunities with H-GAC. The Contractor's failure to timely submit any report may also be considered cause for termination of this Agreement.

Any additional reporting requirements shall be set forth in the Special Provisions of this Agreement.

**ARTICLE 9: INSURANCE**

Contractor shall maintain insurance coverage for work performed or services rendered under this Agreement as outlined and defined in the attached Special Provisions.

**ARTICLE 10: SUBCONTRACTS and ASSIGNMENTS**

Except as may be set forth in the Special Provisions, the Contractor agrees not to subcontract, assign, transfer, convey, sublet or otherwise dispose of this Agreement or any right, title, obligation or interest it may have therein to any third party without prior written approval of H-GAC. The Contractor acknowledges that H-GAC is not liable to any subcontractor or assignee of the Contractor. The Contractor shall ensure that the performance rendered under all subcontracts shall result in compliance with all the terms and provisions of this Agreement as if the performance rendered was rendered by the Contractor. Contractor shall give all required notices, and comply with all laws and regulations applicable to furnishing and performance of the work. Except where otherwise expressly required by applicable law or regulation, H-GAC shall not be responsible for monitoring Contractor's compliance, or that of Contractor's subcontractors, with any laws or regulations.

**ARTICLE 11: AUDIT**

Notwithstanding any other audit requirement, H-GAC reserves the right to conduct or cause to be conducted an independent audit of any transaction under this Agreement, such audit may be performed by the H-GAC local government audit staff, a certified public accountant firm, or other auditors designated by H-GAC and will be conducted in accordance with applicable professional standards and practices. The Contractor understands and agrees that the Contractor shall be liable to the H-GAC for any findings that result in monetary obligations to H-GAC.

**ARTICLE 12: EXAMINATION OF RECORDS**

The Contractor shall maintain during the course of the work complete and accurate records of all of the Contractor's costs and documentation of items which are chargeable to H-GAC under this Agreement. H-GAC, through its staff or designated public accounting firm, the State of Texas, and United States Government, shall have the right at any reasonable time to inspect, copy and audit those records on or

off the premises by authorized representatives of its own or any public accounting firm selected by H-GAC. The right of access to records is not limited to the required retention period, but shall last as long as the records are retained. Failure to provide access to records may be cause for termination of the Agreement. The records to be thus maintained and retained by the Contractor shall include (without limitation): (1) personnel and payroll records, including social security numbers and labor classifications, accounting for total time distribution of the Contractor's employees working full or part time on the work, as well as cancelled payroll checks, signed receipts for payroll payments in cash, or other evidence of disbursement of payroll payments; (2) invoices for purchases, receiving and issuing documents, and all other unit inventory records for the Contractor's stocks or capital items; and (3) paid invoices and cancelled checks for materials purchased and for subcontractors' and any other third parties' charges.

The Contractor further agrees that the examination of records outlined in this article shall be included in all subcontractor or third-party agreements.

### **ARTICLE 13: RETENTION OF RECORDS**

The Contractor and its subcontractors shall maintain all records pertinent to this Agreement, and all other financial, statistical, property, participant records, and supporting documentation for a period of no less than seven (7) years from the later of the date of acceptance of the final payment or until all audit findings have been resolved. If any litigation, claim, negotiation, audit or other action involving the records has been started before the expiration of the retention period, the records shall be retained until completion of the action and resolution of all issues which arise from it, or until the end of the seven (7) years, whichever is later, and until any outstanding litigation, audit, or claim has been fully resolved.

### **ARTICLE 14: CHANGES AND AMENDMENTS**

- A. Any alterations, additions, or deletions to the terms of this Agreement, which are required by changes in federal or state law or by regulations, are automatically incorporated without written amendment hereto, and shall become effective on the date designated by such law or by regulation.
- B. To ensure the legal and effective performance of this Agreement, both parties agree that any amendment that affects the performance under this Agreement must be mutually agreed upon and that all such amendments must be in writing. After a period of no less than 30 days subsequent to written notice, unless sooner implementation is required by law, such amendments shall have the effect of qualifying the terms of this Agreement and shall be binding upon the parties as if written herein.

### **ARTICLE 15: TERMINATION PROCEDURES**

The Contractor acknowledges that this Agreement may be terminated for Convenience or Default.

- A. *Convenience*  
H-GAC may terminate this Agreement at any time, in whole or in part, with or without cause, whenever H-GAC determines that for any reason such termination is in the best interest of H-GAC, by providing written notice by certified mail to the Contractor. Upon receipt of notice of termination, all services hereunder of the Contractor and its employees and subcontractors shall cease to the extent specified in the notice of termination.

The Contractor may cancel or terminate this Agreement upon submission of thirty (30) days written notice, presented to H-GAC via certified mail. The Contractor may not give notice of cancellation after it has received notice of default from H-GAC.

- B. *Default*

H-GAC may, by written notice of default to the Contractor, terminate the whole or any part of the Agreement, in any one of the following circumstances:

- (1) If the Contractor fails to perform the services herein specified within the time specified herein or any extension thereof; or
- (2) If the Contractor fails to perform any of the other provisions of this Agreement for any reason whatsoever, or so fails to make progress or otherwise violates the Agreements that completion of services herein specified within the Agreement term is significantly endangered, and in either of these two instances does not cure such failure within a period often (10) days (or such longer period of time as may be authorized by H-GAC in writing) after receiving written notice by certified mail of default from H-GAC.

#### **ARTICLE 16: SEVERABILITY**

H-GAC and Contractor agree that should any provision of this Agreement be determined to be invalid or unenforceable, such determination shall not affect any other term of this Agreement, which shall continue in full force and effect.

#### **ARTICLE 17: FORCE MAJEURE**

To the extent that either party to this Agreement shall be wholly or partially prevented from the performance of any obligation or duty placed on such party by reason of or through strikes, stoppage of labor, riot, fire, flood, acts of war, insurrection, accident, order of any court, act of God, or specific cause reasonably beyond the party's control and not attributable to its neglect or nonfeasance, in such event, the time for the performance of such obligation or duty shall be suspended until such disability to perform is removed. Determination of force majeure shall rest solely with H-GAC.

#### **ARTICLE 18: CONFLICT OF INTEREST**

No officer, member or employee of the Contractor or subcontractor, no member of the governing body of the Contractor, and no other public officials of the Contractor who exercise any functions or responsibilities in the review or Contractor approval of this Agreement, shall participate in any decision relating to this Agreement which affects his or her personal interest, or shall have any personal or pecuniary interest, direct or indirect, in this Agreement.

#### **ARTICLE 19: FEDERAL COMPLIANCE**

Contractor agrees to comply with all federal statutes relating to nondiscrimination, labor standards, and environmental compliance. Additionally, for work to be performed under the Agreement or subcontract thereof, including procurement of materials or leases of equipment, Contractor shall notify each potential subcontractor or supplier of the Contractor's federal compliance obligations. These may include, but are not limited to: (a) Title VI of the Civil Rights Act of 1964 (P.L. 88-352) which prohibits discrimination on the basis of race, color or national origin; (b) Title IX of the Education Amendments of 1972, as amended (20 U.S.C. §§ 1681-1683, and 1685-1686), which prohibits discrimination on the basis of sex; (c) the Fair Labor Standards Act of 1938 (29 USC 676 et. seq.), (d) Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. § 794), which prohibits discrimination on the basis of handicaps and the Americans with Disabilities Act of 1990; (e) the Age Discrimination in Employment Act of 1967 (29 USC 621 et. seq.) and the Age Discrimination Act of 1974, as amended (42 U.S.C. §§ 6101-6107), which prohibits discrimination on the basis of age; (f) the Drug Abuse Office and Treatment Act of 1972 (P.L. 92-255), as amended, relating to nondiscrimination on the basis of drug abuse; (g) the Comprehensive Alcohol Abuse and Alcoholism Prevention, Treatment and Rehabilitation Act of 1970 (P.L. 91-616), as amended, relating to the nondiscrimination on the basis of alcohol abuse or alcoholism; (h) §§ 523 and 527 of the Public Health Service Act of 1912 (42 U.S.C. 290 dd-3 and 290 ee-3), as amended, relating to confidentiality of alcohol and drug abuse patient records; (i) Title VIII of the Civil Rights Act of 1968 (42 U.S.C. § 3601 et seq.), as amended, relating to nondiscrimination in the sale, rental or financing of housing; (j) any other nondiscrimination provisions in any specific statute(s)

applicable to any Federal funding for this Agreement; (k) the requirements of any other nondiscrimination statute(s) which may apply to this Agreement; (l) applicable provisions of the Clean Air Act (42 U.S.C. §7401 et seq.), the Federal Water Pollution Control Act, as amended (33 U.S.C. §1251 et seq.), Section 508 of the Clean Water Act (33 U.S.C. 1368), Executive Order 11738, and the Environmental Protection Agency regulations at 40 CFR Part 15; (m) applicable provisions of the Davis- Bacon Act (40 U.S.C. 276a - 276a-7), the Copeland Act (40 U.S.C. 276c), and the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-332), as set forth in Department of Labor Regulations at 20 CFR 5.5a; (n) the mandatory standards and policies relating to energy efficiency which are contained in the state energy conservation plan issued in compliance with the Energy Policy and Conservation Act (P.L. 94-163).

#### **ARTICLE 20: CRIMINAL PROVISIONS AND SANCTIONS**

The Contractor agrees to perform the Agreement in conformance with safeguards against fraud and abuse as set forth by the H-GAC, the State of Texas, and the acts and regulations of any related state or federal agency. The Contractor agrees to promptly notify H-GAC of any actual or suspected fraud, abuse, or other criminal activity through the filing of a written report within twenty-four (24) hours of knowledge thereof. Contractor shall notify H-GAC of any accident or incident requiring medical attention arising from its activities under this Agreement within twenty-four (24) hours of such occurrence. Theft or willful damage to property on loan to the Contractor from H-GAC, if any, shall be reported to local law enforcement agencies and H-GAC within two (2) hours of discovery of any such act.

The Contractor further agrees to cooperate fully with H-GAC, local law enforcement agencies, the State of Texas, the Federal Bureau of Investigation and any other duly authorized investigative unit, in carrying out a full investigation of all such incidents.

The Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against the Contractor pertaining to this Agreement or which would adversely affect the Contractor's ability to perform services under this Agreement.

#### **ARTICLE 21: INDEMNIFICATION AND RECOVERY**

H-GAC's liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to its order processing charge. In no event will H-GAC be liable for any loss of use, loss of time, inconvenience, commercial loss, lost profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor agrees, to the extent permitted by law, to defend and hold harmless H-GAC, its board members, officers, agents, officials, employees and indemnities from any and all claims, costs, expenses (including reasonable attorney fees), actions, causes of action, judgements, and liens arising as a result of Contractor's negligent act or omission under this Agreement. Contractor shall notify H-GAC of the threat of lawsuit or of any actual suit filed against Contractor relating to this Agreement.

#### **ARTICLE 22: LIMITATION OF CONTRACTOR'S LIABILITY**

Except as specified in any separate writing between the Contractor and an END USER, Contractor's total liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, but excluding its obligation to indemnify H-GAC, is limited to the price of the particular products/services sold hereunder, and Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. In no event will Contractor be liable for any loss of use, loss of time, inconvenience, commercial loss, loss of profits or savings or other incidental, special or consequential damages to the full extent such use may be disclaimed by law. Contractor understands and agrees that it shall be liable to repay and shall repay upon demand to

END USER any amounts determined by H-GAC, its independent auditors, or any agency of State or Federal government to have been paid in violation of the terms of this Agreement.

**ARTICLE 23: TITLES NOT RESTRICTIVE**

The titles assigned to the various Articles of this Agreement are for convenience only. Titles shall not be considered restrictive of the subject matter of any Article, or part of this Agreement.

**ARTICLE 24: JOINT WORK PRODUCT**

This Agreement is the joint work product of H-GAC and the Contractor. This Agreement has been negotiated by H-GAC and the Contractor and their respective counsel and shall be fairly interpreted in accordance with its terms and, in the event of any ambiguities, no inferences shall be drawn against any party.

**ARTICLE 25: DISPUTES**

All disputes concerning questions of fact or of law arising under this Agreement, which are not addressed within the Whole Agreement as defined pursuant to Article 4 hereof, shall be decided by the Executive Director of H-GAC or his designee, who shall reduce his decision to writing and provide notice thereof to the Contractor. The decision of the Executive Director or his designee shall be final and conclusive unless, within thirty (30) days from the date of receipt of such notice, the Contractor requests a rehearing from the Executive Director of H-GAC. In connection with any rehearing under this Article, the Contractor shall be afforded an opportunity to be heard and offer evidence in support of its position. The decision of the Executive Director after any such rehearing shall be final and conclusive. The Contractor may, if it elects to do so, appeal the final and conclusive decision of the Executive Director to a court of competent jurisdiction. Pending final decision of a dispute hereunder, the Contractor shall proceed diligently with the performance of the Agreement and in accordance with H-GAC's final decision.

**ARTICLE 26: CHOICE OF LAW: VENUE**

This Agreement shall be governed by the laws of the State of Texas. Venue and jurisdiction of any suit or cause of action arising under or in connection with the Agreement shall lie exclusively in Harris County, Texas. Disputes between END USER and Contractor are to be resolved in accordance with the law and venue rules of the state of purchase. Contractor shall immediately notify H-GAC of such disputes.

**ARTICLE 27: ORDER OF PRIORITY**

In the case of any conflict between or within this Agreement, the following order of priority shall be utilized: 1) General Provisions, 2) Special Provisions, 3) Scope of Work, and, 4) Other Attachments.

**SIGNATURES:**

H-GAC and the Contractor have read, agreed, and executed the whole Agreement as of the date first written above, as accepted by:

\_\_\_\_\_

Signature

Name

Title

Date

**H-GAC**

Signature

Name    Chuck Wemple

Title    Executive Director

Date

# H-GAC

Houston-Galveston Area Council  
P.O. Box 22777 · 3555 Timmons · Houston, Texas 77227-2777

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Cooperative Agreement -

## SPECIAL PROVISIONS

Incorporated by attachment, as part of the whole agreement, H-GAC and the Contractor do, hereby agree to the Special Provisions as follows:

### **ARTICLE 1: BIDS/PROPOSALS INCORPORATED**

In addition to the whole Agreement, the following documents listed in order of priority are incorporated into the Agreement by reference: Bid/Proposal Specifications and Contractor's Response to the Bid/Proposal.

### **ARTICLE 2: END USER AGREEMENTS ("EUA")**

**H-GAC** acknowledges that the **END USER** may choose to enter into an End User Agreement ("EUA") with the **Contractor** through this Agreement, and that the term of the EUA may exceed the term of the current **H-GAC** Agreement. **H-GAC's** acknowledgement is not an endorsement or approval of the End User Agreement's terms and conditions. **Contractor** agrees not to offer, agree to or accept from the **END USER**, any terms or conditions that conflict with those in **Contractor's** Agreement with **H-GAC**. **Contractor** affirms that termination of its Agreement with H-GAC for any reason shall not result in the termination of any underlying EUA, which shall in each instance, continue pursuant to the EUA's stated terms and duration. Pursuant to the terms of this Agreement, termination of this Agreement will disallow the **Contractor** from entering into any new EUA with **END USERS**. Applicable **H-GAC** order processing charges will be due and payable to **H-GAC** on any EUAs, surviving termination of this Agreement between **H-GAC** and **Contractor**.

### **ARTICLE 3: MOST FAVORED CUSTOMER CLAUSE**

**Contractor** shall provide its most favorable pricing and terms to H-GAC. If at any time during this Agreement, **Contractor** develops a regularly followed standard procedure of entering into agreements with other governmental customers within the State of Texas, and offers the same or substantially the same products/services offered to **H-GAC** on a basis that provides prices, warranties, benefits, and or terms more favorable than those provided to **H-GAC**, **Contractor** shall notify **H-GAC** within ten (10) business days thereafter, and this Agreement shall be deemed to be automatically retroactively amended, to the effective date of **Contractor's** most favorable past agreement with another entity. **Contractor** shall provide the same prices, warranties, benefits, or terms to **H-GAC** and its **END USER** as provided in its most favorable past agreement. **H-GAC** shall have the right and option at any time to decline to accept any such change, in which case the amendment shall be deemed null and void. If **Contractor** claims that a more favorable price, warranty, benefit, or term that was charged or offered to another entity during the term of this Agreement, does not constitute more favorable treatment, than **Contractor** shall, within ten (10) business days, notify **H-GAC** in writing, setting forth the detailed reasons **Contractor** believes the aforesaid offer is not in fact most favored treatment. **H-GAC**, after due consideration of **Contractor's** written explanation, may decline to accept such explanation and thereupon this Agreement between **H-GAC** and **Contractor** shall be automatically amended, effective retroactively, to the effective date of the most favored agreement, to provide the same prices, warranties,



benefits, or terms to H-GAC and the END USER.

***EXCEPTION:** This clause shall not be applicable to prices and price adjustments offered by a bidder, Proposer or contractor, which are not within bidder's/proposer's control [example; a manufacturer's bid concession], or to any prices offered to the Federal Government and its agencies.*

#### **ARTICLE 4: PARTY LIABILITY**

Contractor's total liability under this Agreement, whether for breach of contract, warranty, negligence, strict liability, in tort or otherwise, is limited to the price of the particular products/services sold hereunder. Contractor agrees either to refund the purchase price or to repair or replace product(s) that are not as warranted. Contractor accepts liability to repay, and shall repay upon demand to END USER, any amounts determined by H-GAC, its independent auditors, or any state or federal agency, to have been paid in violation of the terms of this Agreement.

#### **ARTICLE 5: GOVERNING LAW & VENUE**

Contractor and H-GAC agree that Contractor will make every reasonable effort to resolve disputes the **END USER** in accord with the law and venue rules of the state of purchase. **Contractor** shall immediately notify **H-GAC** of such disputes.

#### **ARTICLE 6: SALES AND ORDER PROCESSING CHARGE**

**Contractor** shall sell its products to **END USERS** based on the pricing and terms of this Agreement. **H-GAC** will invoice **Contractor** for the applicable order processing charge when H-GAC receives notification of an END USER order. **Contractor shall remit to H-GAC** the full amount of the applicable order processing charge, after delivery of any product or service and subsequent END USER acceptance. Payment of the Order Processing Charge shall be remitted from Contractor to H-GAC, within thirty (30) calendar days or ten (10) business days after receipt of an END USER's payment, whichever comes first, notwithstanding Contractor's receipt of invoice. For sales made by **Contractor** based on this Agreement, including sales to entities without Interlocal Agreements, **Contractor** shall pay the applicable order processing charges to **H-GAC**. Further, **Contractor** agrees to encourage entities who are not members of H-GAC's Cooperative Purchasing Program to execute an **H-GAC** Interlocal Agreement. **H-GAC** reserves the right to take appropriate actions including, but not limited to, Agreement termination if **Contractor** fails to promptly remit the appropriate order processing charge to H-GAC. In no event shall **H-GAC** have any liability to **Contractor** for any goods or services an **END USER** procures from **Contractor**. At all times, **Contractor** shall remain liable to pay to **H-GAC** any order processing charges on any portion of the Agreement actually performed, and for which compensation was received by **Contractor**.

#### **ARTICLE 7: LIQUIDATED DAMAGES**

Contractor and H-GAC agree that Contractor shall cooperate with the END USER at the time an END USER purchase order is placed, to determine terms for any liquidated damages.

#### **ARTICLE 8: INSURANCE**

Unless otherwise stipulated in Section B of the Bid/Proposal Specifications, **Contractor** must have the following insurance and coverage minimums:

- a. **General liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General

Aggregate limit of at least two times the Single Occurrence limit.

**Product liability** insurance with a Single Occurrence limit of at least \$1,000,000.00, and a General Aggregate limit of at least two times the Single Occurrence limit for all Products except Automotive Fire Apparatus. For Automotive Fire Apparatus, see Section B of the Bid/Proposal Specifications.

**Property Damage or Destruction** insurance is required for coverage of **End User** owned equipment while in **Contractor's** possession, custody or control. The minimum Single Occurrence limit is \$500,000.00 and the General Aggregate limit must be at least two times the Single Occurrence limit. This insurance may be carried in several ways, e.g. under an Inland Marine policy, as art of Automobile coverage, or under a Garage Keepers policy. In any event, this coverage must be specifically and clearly listed on insurance certificate(s) submitted to **H-GAC**.

- b. Insurance coverage shall be in effect for the length of any contract made pursuant to the Bid/Proposal, and for any extensions thereof, plus the number of days/months required to *deliver* any outstanding order after the close of the contract period.
- c. Original Insurance Certificates must be furnished to **H-GAC** on request, showing **Contractor** as the insured and showing coverage and limits for the insurances listed above.
- d. If any Product(s) or Service(s) will be provided by parties other than **Contractor**, all such parties are required to carry the minimum insurance coverages specified herein, and if requested by **H-GAC**, a separate insurance certificate must be submitted for each such party.
- e. **H-GAC** reserves the right to contact insurance underwriters to confirm policy and certificate issuance and document accuracy.

## **ARTICLE 9: PERFORMANCE AND PAYMENT BONDS FOR INDIVIDUAL ORDERS**

**H-GAC's** contractual requirements DO NOT include a Performance & Payment Bond (PPB); therefore, Contractor shall offer pricing that reflects this cost savings. **Contractor** shall remain prepared to offer a PPB to cover any order if so requested by the **END USER**. **Contractor** shall quote a price to **END USER** for provision of any requested PPB, and agrees to furnish the PPB within ten business (10) days of receipt of **END USER's** purchase order.

## **ARTICLE 10: CHANGE OF STATUS**

**Contractor** shall immediately notify **H-GAC**, in writing, of **ANY** change in ownership, control, dealership/franchisee status, Motor Vehicle license status, or name. Contractor shall offer written guidance to advise H-GAC if this Agreement shall be affected in any way by such change. **H-GAC** shall have the right to determine whether or not such change is acceptable, and to determine what action shall be warranted, up to and including cancellation of Agreement.

## **ARTICLE 11: TEXAS MOTOR VEHICLE BOARD LICENSING**

All that deal in motor vehicles shall maintain current licenses that are required by the Texas Motor Vehicle Commission Code. If at any time during this Agreement term, any required **Contractor** license is denied, revoked, or not renewed, **Contractor** shall be in default of this Agreement, unless the Texas Motor Vehicle

Board issues a stay or waiver. Contractor shall promptly provide copies of all current applicable Texas Motor Vehicle Board documentation to **H-GAC** upon request.