

City of Coquitlam

Request for Proposals

RFP No. 23-069

One (1) Sewer Inspection Camera Van

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[PROPOSAL SUBMISSION FORM](#)

[APPENDIX A – PREFERRED SPECIFICATIONS](#)

SUMMARY OF KEY INFORMATION

RFP Reference	<p align="center">RFP No. 23-069</p> <p align="center">One (1) Sewer Inspection Camera Van</p>
Overview of the Opportunity	<p>The purpose of this RFP is to invite Proposals from qualified firms for the provision of One (1) Sewer Inspection Camera Van.</p>
Closing Date and Time	<p align="center">2:00 pm local time</p> <p align="center">Wednesday, July 12, 2023</p>
Instructions for Proposal Submission	<p>Proposal submissions and Microsoft Excel appendices should be submitted in the original format (MS Word and MS Excel) and any other supporting documents are to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: qfile.coquitlam.ca/bid</p> <ol style="list-style-type: none"> In the "Subject Field" enter: RFP Number and Name Add files in .pdf format and Send (Ensure your web browser remains open until you receive 2 emails from QFile to confirm receipt.) <p>Phone 604-927-3037 should assistance be required.</p> <p>The City reserves the right to accept Proposals received after the Closing Date and Time.</p>
Obtaining RFP Documents	<p>RFP Documents are available for download from the City of Coquitlam's website: https://www.coquitlam.ca/Bid-Opportunities</p> <p>Printing of RFP documents is the sole responsibility of the Proponents.</p>
Instructions to Proponents	<p>The guidelines for participation that will apply to this RFP are posted on the City's website: Instructions to Proponents</p>
Questions	<p>Questions are to be submitted in writing quoting the RFP number and name up to 3 business days before the Closing Date sent to email: bid@coquitlam.ca</p> <p>Questions received after that time may not receive a response.</p>
Addenda	<p>Proponents are required to check the City's website for any updated information and addenda issued, before the Closing Date at the following website: https://www.coquitlam.ca/Bid-Opportunities</p>
Withdrawal of Submission	<p>Proposals may be withdrawn by written notice only, made by an authorized representative of the Proponent sent to email: bid@coquitlam.ca prior to the Closing Date and Time.</p>
Terms and Conditions of Contract	<p>City of Coquitlam Standard Terms and Conditions - Purchase of Goods and Services are posted on the City's website and will apply to the Contract awarded as a result of this RFP.</p>

DEFINITIONS

“Agreement” “Contract” means the contract for services or City Purchase Order that will be issued to formalize with the successful Proponent through negotiation process with the City based on the proposal submitted and will incorporate by reference the Request for Proposals, Specifications, Drawings, any additional subsequent information, any addenda issued, the Proponent’s response and acceptance by the City.

“City” “Owner” means City of Coquitlam;

“Price” means the amount that will be paid by the City to the Contractor for delivery and acceptance of goods and Services;

“Proponent” means responder to this Request for Proposals;

“Proposal” means the submission by the Proponent;

“Request for Proposals” “RFP” shall mean and include the complete set of documents, specifications and addenda incorporated herein, and included in this Request for Proposals;

“Services” “Work” “Works” means and includes the provision by the successful Proponent of all services, duties, and expectations as further described in this RFP. This will also mean the whole of the work, tools, materials, labour, equipment, travel, and all that is required to be done, furnished and performed by the Contractor;

“Shall” “Must” “Will” “Mandatory” means a requirement that must be met;

“Supply” “Provide” shall mean supply and pay for and provide and pay for.

“Supplier” means the person(s) firm(s) or corporation(s) appointed by the City to carry out all duties, obligations, work and services described in the Request for Proposal and all associated documentation, which may also include mutually agreed revisions subsequent to submission of a Proposal. Both “Supplier” and “Proponent” are complementary in terms of duties, obligations and responsibilities contemplated at the Request for Proposals stage, through evaluation process, execution and performance of the services and works.

1 INSTRUCTIONS TO PROPONENTS

1.1 Acknowledgement

The City acknowledges with gratitude and respect that the name Coquitlam was derived from the hən̓q̓əmin̓əm' word kʷikwə́ləm (kwee-kwuh-tlum) meaning “Red Fish Up the River”. The City is honoured to be located on the kʷikwə́ləm (Kwikwetlem) traditional and ancestral lands, including those parts that were historically shared with the sq̓əciyaʔt təməxʷ (Katzie), and other Coast Salish Peoples.

1.2 Purpose

The purpose of this RFP is to invite proposals from qualified, experienced companies for the supply and delivery of **One (1) Sewer Inspection Camera Van** as stated within this RFP. Equipment shall be new and that which has never been owned except by a manufacturer, distributor or dealer and has never been registered.

The City is seeking to identify and select qualified Suppliers that have the knowledge, technical resources, experience, reputation and capacity to supply, deliver and provide continuous support for the equipment.

1.3 Proposal Submission

Proponents should complete and submit the information requested in this RFP document on the **Proposal Submission Form** and [Appendix A – Preferred Specifications](#) or in a format that has been approved and is acceptable to the City.

1.4 Instructions to Proponents

Proponents are advised that the rules for participation that will apply to this RFP are located: [Instructions to Proponents](#).

By submission of a Proposal in response to this RFP, the Proponent agrees and accepts the rules by which the bid process will be conducted.

The City will not be responsible for any delay or for any submission not received for any reason, including technological delays or issues by either party's network or email program, and the City will not be liable for any damages associated with submissions not received.

1.5 Specifications and Alternatives

Wherever the Specifications state a brand name, make, name of manufacturer, trade name, or Supplier catalogue number, it is for the purpose of establishing a grade or standard. It is not intended to rule out competition from equal brands or makes. If vehicles or equipment other than that specified is offered, it is the Proponent's responsibility to provide information in its Proposal that enables the City to confirm equivalency and acceptance.

Except where stated otherwise, [Appendix A – Preferred Specifications](#), describe what is considered necessary to meet the performance requirements of the City and Proponents should consider this in its Proposal. If the Proponent cannot meet Specifications, the Proponent may identify and offer an alternative which it believes to be an equal or better alternative.

Special consideration may be given to accessibility of the various units which require periodic maintenance and ease of operation.

Proponents shall clearly indicate any variances from the City's Specifications or conditions and attach descriptive literature.

Proponents may also propose alternative equipment which meets the majority of the specifications if it is immediately available for delivery. The City will review proposed alternative equipment for suitability in order to take delivery sooner; however, the City is not obligated to accept any alternatives. The City will determine what constitutes acceptable deviations and overall best value.

Proponents are to provide environmentally efficient equipment and services wherever possible. If there are known alternatives or substitutions for such materials that would mitigate the effects of any adverse conditions on the environment, the Proponent agrees to advise the City of such alternatives or substitutions.

1.6 Requested Departures

The Proponent acknowledges that the departures requested in the Proposal Submission Form will not form part of the Contract unless and until the City specifically consents in writing to any of them. The City may not consider any departures not stated in the Proponent's Proposal Submission.

1.7 Evaluation Criteria

Evaluation Criteria of each Proposal will be determined in accordance with the following:

Proposal Evaluation Summary	Maximum Points to be Awarded
<u>Corporate Experience, Reputation, Capacity and Resources</u>	25
<u>Sustainable Benefits and Social Responsibility</u>	10
<u>Technical</u>	25
<u>Financial</u>	40
Total	100

The criteria for evaluation of the Proposals may include, but is not limited to:

Corporate Experience, Reputation, Capacity and Resources

- Business and technical reputation and capabilities; experience, financial stability, capacity and resources
- Demonstration unit
- References (on time delivery, support, performance, etc.)
- Sub-contractors
- Value added benefits

Sustainable Benefits and Social Responsibility

- Sustainable benefits
- Reconciliation

- Social Responsibility

Technical

- Delivery Lead Time
- Compliance with the preferred specifications
- Ease of operation
- Maintenance requirements
- Maintenance - Local support and parts availability in Metro Vancouver area
- Training and Manuals
- Quality Assurance
- Warranties
- Training
- Demonstration Unit

Financial

- Price

These criteria will be used to determine best overall value to the City. Proposals will be compared to select one or more that are most advantageous.

And, upon selection of one or more lead Proponent(s):

- References may be contacted
- Interviews may be conducted

The City reserves the right to check references on other projects even if they are not specifically listed. Information obtained from references will be confidential and will not be disclosed to any Proponents.

These criteria will be used to determine best overall value to the City as well as any other criteria that may become evident during the evaluation process.

The City may, at its discretion, request clarification or additional information from a Proponent with respect to any Proposal and the City may make such requests to only selected Proponents. The City may consider such clarifications or additional information in evaluating a Proposal.

Incomplete Proposals or Proposals submitted on forms other than the Proposal Form may be rejected.

Proponents agree the City may disclose names of Proponents and total award amount, however, unevaluated results, unit prices, rates or scores will not be provided to any Proponents.

The City reserves the right to reject without further consideration any Proposal which in its opinion does not meet the criteria it considers essential for the Work outlined in this RFP.

Where only one Proposal is received, the City may reject such and re-issue the RFP on a selected basis.

1.8 Eligibility

For eligibility, and as a condition of award, the successful Proponent would be required to meet or provide the equivalent:

- a) Accept the City's standard Terms and Conditions posted on the City's website: [Standard Terms and Conditions - Purchase of Goods and Services](#)
- b) A City of Coquitlam or Tri Cities Intermunicipal [Business License](#)

These items are not required as part of this Proposal Submission but will be required prior to entering into an agreement with the City for Services.

1.9 Warranties

The Proponent shall provide a full statement of the warranty period and terms, including extended warranty options, for items listed in [Appendix A – Preferred Specifications](#), as a minimum. This warranty should clearly describe the terms under which the equipment manufacturer or sub-suppliers of the manufacturer accept responsibility for the cost to repair defects caused by faulty design, quality of work or material and for the applicable period of time after delivery.

1.10 Prices

Prices shall be all-inclusive and stated in (Canadian Funds). Prices shall remain FIRM for the delivery of equipment and completion of the Services.

Supply and delivery of materials is to be included in the price, FOB, Freight Prepaid to:

**City of Coquitlam
Works Yard West
500 Mariner Way
Coquitlam, BC, V3K 7B6**

Prices shall include the provision of all tools, materials, equipment, labour, transportation, fuel, supervision, management, overhead, materials, traffic control, services, all necessary packing and crating (where applicable), Canadian Customs import and export duties, freight, handling, insurance, all other associated or related charges, foreign, federal, provincial and municipal taxes, bonding costs, all licences, permits, inspections and all other requirements necessary for the commencement, performance and completion of Services as described.

Taxes are to be shown separately at time of invoicing.

The lowest price of any Proposal will not necessarily be accepted but will be analyzed to determine best overall value.

2 GENERAL CONDITIONS OF CONTRACT

2.1 Terms and Conditions of Contract

The City's [Standard Terms and Conditions - Purchase of Goods and Services](#), as published on the City's website, the Conditions listed in this RFP, along with the accepted Proposal, addenda and any subsequent clarifications, correspondence, the totality of which will constitute the Contract.

3 SCOPE OF SERVICES

3.1 General Requirements

The Supplier is to provide **One (1) Sewer Inspection Camera Van** to be used in a municipal environment as specified in [Appendix A – Preferred Specifications](#).

The unit is to be the current production model with all the latest updates including, where requested, all manuals, instructions, training and requested spare parts.

The Services include, but are not limited to:

- Supply and Delivery of the equipment proposed;
- Provide local (Metro Vancouver) dealer warranty service;
- Provide post-delivery services and parts availability at a local dealer area; and
- Preventative maintenance schedule.

3.2 Quality and Workmanship

The quality and workmanship of the completed delivered product must meet or exceed that of any sample, demo unit, or any other representation made by the Supplier prior to delivery.

Vehicles and equipment shall comply with all applicable legislated and regulatory standards. All welding shall meet American Welding Society or Canadian Welding Bureau current standards.

3.3 Environmental Considerations

Equipment offered is to be environmentally friendly, including but not limited to the manufacturing process, materials, oils, lubricants, paints and other fluid materials, wherever possible.

3.4 Pre-delivery Services

The equipment shall be delivered clean and shall be complete with all equipment required for the equipment to be operable. The delivered equipment will be inspected for compliance with the approved Purchase Order and current standards.

3.5 Pre-delivery Inspection

A road performance test and general operation inspection must be performed prior to delivery.

3.6 Delivery

Delivery is to be made with **minimum 48 hours' notice**, at a scheduled time that is mutually acceptable to the City, freight prepaid F.O.B to:

**City of Coquitlam
Works Yard West
500 Mariner Way
Coquitlam, BC, V3K 7B6**

An authorized representative of the Supplier shall supervise delivery to the City.

3.7 Regulatory Requirements

The vehicles must have a standard road package that meets all legal requirements for operation on public roadways, including the BC Motor Vehicle Act, the federal Motor Vehicle Safety Act and Work Safe BC regulations.

- Must comply with all WorkSafeBC Regulations.
- Must meet all B.C. Motor Vehicle Regulations and meets all requirements to be driven on highways, roads, etc.
- Meet Canadian motor vehicle safety standards.

3.8 Documentation at Time of Delivery

The Supplier is to provide the following documentation upon delivery with each piece of equipment:

Quantity	Description
4 sets	KEYS - All keys (four full sets), a complete parts list, and service manuals are to be delivered with the vehicle
1	Manufacturer's Certificate of Origin
1	Warranty document and certifications
1 set	One complete Service Manual to cover, but not limited to, tires, engine, batteries, transmission, axles, electrical components to cover each piece of equipment proposed
1 set	One Parts Manual covering the entire piece of equipment proposed
1 set	One set of As-built Electrical Wiring Schematics to cover any and all wiring not installed by chassis manufacturer. This diagram to include part numbers and brand names of switches, lights, etc. of parts used
1 list	Complete PARTS LIST of all belts, hoses, and filters; including part numbers, manufacturer and use
1 list	All Fluid Capacities in litres.

3.9 Warranties

The Supplier agrees to repair or replace any faulty equipment and that any defects discovered and failures which occur during the guarantee period will be rectified to the satisfaction of the City within a reasonable amount of time at no cost to the City.

3.10 Recall Notices

In the event of any recall notice, technical service bulletin, or other important notification affecting a unit purchased under this Contract, a notice shall be sent to the City. It shall be the responsibility of the Supplier to assure that all recall notices are sent directly to the City Fleet department.

3.11 Manufacturer-Authorized

Supplier must be authorized by the manufacturer to sell vehicles and parts where such authorization is granted by the manufacturer. The relationship with the manufacturer must be direct and not indirect through a third party.



City of Coquitlam

PROPOSAL SUBMISSION FORM

RFP No. 23-069

One (1) Sewer Inspection Camera Van

Proposals will be received on or before 2:00 pm local time on

Wednesday, July 12, 2023

(Closing Date and Time)

INSTRUCTIONS FOR PROPOSAL SUBMISSION

Proposal submissions are to be returned in Microsoft Word and any other supporting documents to be consolidated into one PDF file and uploaded through QFile, the City's file transfer service accessed at website: qfile.coquitlam.ca/bid

1. In the "Subject Field" enter: RFP Number and Name

2. Add files in .pdf format and "Send"

(Ensure your web browser remains open until you receive 2 emails from QFile to confirm upload is complete.)

Proponents are responsible to allow ample time to complete the Proposal Submission process. If assistance is required phone 604-927-3037.

Legal Name of Proponent	
Contact Person and Title	
Business Address	
Telephone	
Email Address	

1.

DEPARTURES AND AWARD

a) CONTRACT - I/We have reviewed the City's Standard Terms and Conditions - Purchase of Goods and Services and would be prepared to enter into in an agreement that incorporates the City's Standard Terms and Conditions, amended by the following departures (list, if any):	
Section	Requested Departure(s) / Alternative(s)
b) SERVICES - I/We have reviewed the Scope of Services as described in this RFP and are prepared to meet those requirements, amended by the following departures and additions (list, if any):	
Requirements – Requested Departure(s) / Alternate(s) / Addition(s)	
c) AWARD - For eligibility of award, the City requires the successful Proponent to complete and have the following in place before providing the Goods and Services. Section 1c items are not required as part of this Proposal but may be required prior to entering into an agreement with the City.	
i. Vendor Info - Complete and return the City's Vendor Profile and Electronic Funds Transfer Application (PDF)	
ii. Business License - A City of Coquitlam or Tri Cities Intermunicipal Business License	
iii. Contract – Acceptance of the City's Terms and Conditions: Standard Terms and Conditions - Purchase of Goods and Services	
As of the date of this Proposal, we advise that we have the ability to meet all of the above requirements except as follows (list, if any):	

2.

CORPORATE

a) DEMONSTRATION UNITS

Availability, location and notification required to arrange for a demonstration and testing of the following equipment as proposed:

****The City may choose to use the demo vehicle in the field for one day****

b) CAPABILITIES, CAPACITY AND RESOURCES - Proponents to provide information on the following (use the spaces provided and/or attach additional pages, if necessary):

i. Structure of the Proponent, background, how many years they have been in business and organizational history (e.g. mission, vision, corporate directions, years in business, etc.):

ii. Proponent is to state any value added benefits and activities they can provide in delivering the Services. Provide details:

iii. How many units has Proponent produced in last 3 (three) years :

c) REFERENCES – Proponent shall be competent and capable of performing the Services requested and successfully delivered service contracts of similar size, scope and complexity. The City reserves the right to contact any person(s), agency(ies) or firm(s) not listed as part of an independent review.

Reference No. 1

Description of Contract	
Size and Scope	
Work Performed	
Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

Reference No. 2

Description of Contract	
Size and Scope	
Work Performed	

Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

Reference No. 3	
Description of Contract	
Size and Scope	
Work Performed	
Start Date	
End Date	
Contract Value	
Project completed on budget	
Project completed on schedule	
Reference Information	Company:
	Name:
	Phone Number:
	Email Address:

d) SUB-CONTRACTORS - The following Sub-contractors will be utilized in provision of the Services and will comply with all the terms and conditions of this RFP. No changes, additions or deletions are to be made to these subcontractors without the City's written approval:

Sub-Contractor No. 1	
Legal Name	
Trade/Services Performed	
Background and Experience	
Contact Information	Name:
	Phone Number:
	Email Address:

Sub-Contractor No. 2	
Legal Name	
Trade/Services Performed	
Background and Experience	
Contact Information	Name:
	Phone Number:
	Email Address:

3. SUSTAINABLE BENEFITS AND SOCIAL RESPONSIBILITY

a) Describe all initiatives, policies, programs and product choices that illustrate your firm's efforts towards sustainable practices and environment responsibility in providing the services that would benefit the City

b) What policies does your organization have for hiring apprentices, indigenous peoples, recent immigrants, veterans, young people, women, people with disabilities and any other groups:

c) What policies does your organization have for the procurement of goods and services from local small and medium sized business or social enterprises or Indigenous owned businesses:

d) What policies does your organization have to support reconciliation with indigenous peoples:

4. TECHNICAL

a) LEAD TIME FOR DELIVERY

The lead time for delivery of the new unit is an important consideration in this purchase. The Proponent guarantees to deliver the vehicle(s) F.O.B. (freight pre-paid) to:

City of Coquitlam, Works Yard West, 500 Mariner Way, Coquitlam, BC.

Lead time in days for manufacture and delivery once the final specification is approved by the City:

b) KEY FACILITY LOCATIONS

Manufacturing Plant, Business Name and Location:

I. Warranty and Repair Service Center

State location of nearest affiliate service facilities with factory authorized technicians located in Metro Vancouver area. Business Name and Location:

II. State the procedure for handling warranty claims:

c) MRO Parts Distribution Center

I. Business Name and Location:

II. Regular Lead Time for Delivery of Stocked Parts:

III. Provide a list and details of stocked parts available at the local dealership for the equipment proposed (attach additional information if necessary):

IV. Location for non-stocked parts:

V. Regular Lead Time of Non- Stocked Parts:

d) Quality Assurance	
I. Provide information on the systems of Quality Control and build specification assurance.	
II. Preventative Maintenance – Provide preventative maintenance schedule. Attach if necessary	
e) TRAINING AND MANUALS	
I. Operators – state duration of training, number of attendees and number of on-site workshops at Coquitlam Works Yard:	
II. Fleet and Maintenance – state duration of training, number of attendees, number of workshops and Location	
III. Training Method – State type of training method used to teach.	
IV. Manuals (online/web based/DVD/paper manuals) included:	
<ul style="list-style-type: none"> • 1 parts manual • 1 repair manual for truck and all mounted equipment • 1 service manual • 2 Operator's manuals • Wiring schematics including all installed systems and equipment 	
State format available:	
V. Training Materials:	
Access to online/web based or DVD training, 1 for Operators and 1 for Mechanics	
Confirm and State format available:	
f) WARRANTIES AND EXTENDED WARRANTIES	
Attach Warranty information including extended warranties. Any additional cost is to be stated:	
Manufacturer Warranty	State:

6. FINANCIAL

a) One (1) Sewer Inspection Camera Van In accordance with Appendix A – Preferred Specifications .			
One (1) Sewer Inspection Camera Van – State Manufacturer and Model:			
	Item	Quantity	Unit Price (exclude PST & GST)
a)	One (1) Sewer Inspection Camera Van	1	\$
	Levies (per unit):	1	\$
b)	Environmental Tax (per unit):	1	\$
Sub-Total			\$
PST			\$
GST			\$
TOTAL PRICE (per unit)			\$
TOTAL PRICE (x Units)			\$
The Price must include all required decals, paint and any features required to be compliant with all regulations and standards and be fully operational.			

Attention Purchasing Manager:

7. **I/We, the undersigned duly authorized representative of the Proponent**, having received and carefully reviewed all of the Proposal documents, including the RFP and any issued addenda posted on the City's website www.coquitlam.ca/Bid-Opportunities and having full knowledge of the Site, and having fully informed ourselves as to the intent, difficulties, facilities and local conditions connected to performing the Services; submit this Proposal in response to the RFP.
8. **I/We** agree to the rules of participation outlined in the [Instructions to Proponents](#) and should our Proposal be selected, agree to the City's [Standard Terms and Conditions - Purchase of Goods and Services](#) and will accept the City's Contract as defined within this RFP document.
9. **I/We acknowledge** receipt of the following Addenda related to this Request for Proposals and have incorporated the information received in preparing this Proposal.

Addendum No.	Date Issued

This Proposal is submitted this ____ day of _____, 20 ____.

I/We have the authority to sign on behalf of the Proponent and have duly read all documents.

Name of Proponent	
Signature(s) of Authorized Signatory(ies)	1.
	2.
Print Name(s) and Position(s) of Authorized Signatory(ies)	1.
	2.

APPENDIX A – PREFERRED SPECIFICATIONS – One (1) Sewer Inspection Camera Van

ITEM	DESCRIPTION	PREFERRED SPECIFICATIONS	MEETS PREFERRED SPECIFICATION YES/NO
1.	GENERAL	It is the intent of these specifications is to describe the preferred requirements for One (1) Sewer Inspection Camera Van . The unit must have a standard road package that meets all legal requirements for operation on public roadways, including the BC Motor Vehicle Act, the federal Motor Vehicle Safety Act and Work Safe BC regulations.	
A.	Make		
B.	Model		
C.	Year of Manufacture		
D.	Vehicle Weight	Designed to handle all equipment required <ul style="list-style-type: none"> State- 	
E.	Regulatory	<ul style="list-style-type: none"> Must comply with all WorkSafe BC Regulations. Must meet all B.C. Motor Vehicle Regulations and meets all requirements to be driven on highways, roads, etc. Must meet 2023 mandatory emission requirements. To meet Canadian motor vehicle safety standards. 	
2.	CAB		
A.	Cab Type	Regular cab with bucket seats for driver and passenger, with access to pass through to rear compartment and camera station office.	
B.	Wipers	Dual wipers with intermittent function	
C.	Horns	Electric horn	
D.	Back-up Alarm	Maximum 102 dBA: <ul style="list-style-type: none"> Does it meet Work Safe BC regulations and requirements? Please state the dBA rating 	
E.	Heater	Multi speed high output heater, defroster and air conditioning	
F.	Radio	AM/FM radio with Bluetooth	
G.	H. Mirrors	Electric adjustable mirrors <ul style="list-style-type: none"> State options 	
I.	Power Accessories	Power windows and door locks <ul style="list-style-type: none"> State options 	

J.	Driver and passenger Seat's	Ergonomically designed seats to be covered in cloth or vinyl <ul style="list-style-type: none"> • Provide information as to ergonomic adjustments • State colour options 	
K.	Floor Cover	Vinyl cover State colour	
L.	Gauges	Is to include speedometer, tachometer, fuel, oil pressure, coolant temperature, outside temperature <ul style="list-style-type: none"> • State gauges which are included and what style of gauge each one is. Outside temperature gauge is dash mounted and factory installed. <ul style="list-style-type: none"> • Confirm outside temperature gauge is factory installed and is dash mounted 	
M.	Cab Light	Door activated dome light	
N.	Cab Handles	Left and right grab handles for the entry and exit of the cab.	
O.	Paint	Cab colour is standard white and is to come with base and clear coat Frame is to be black. Interior is to be gray. State colour options	
P.	Sound Suppression	Cab is to include sound suppression <ul style="list-style-type: none"> • State what means are used to achieve sound suppression • State the ambient noise within the cab while truck is in use 	
Q.	Safety	Unit is to come equipped with reflector kit and a mounted fire extinguisher <ul style="list-style-type: none"> • State where reflector kit is applied on unit • State size and where extinguisher is mounted 	
3. CHASSIS			
A.	Wheel Base	Wheel base as short as possible to meet weight distribution requirements <ul style="list-style-type: none"> • State wheel base length • State overall width of unit 	
B.	Cab to Axle	To meet weight distribution requirements <ul style="list-style-type: none"> • State cab to axle length • State overall length of unit 	
C.	Fuel Tank(s)	<ul style="list-style-type: none"> • State mounting location and size of fuel tanks: 	
D.	Service Functions	Intended Service Functions: <ul style="list-style-type: none"> • Sewer Inspection Camera Van 	

4. Cargo Body			
A.	Body	<p>Painted with corrosion resistant grey zinc paint.</p> <ul style="list-style-type: none"> • Provide details on painting process • State paint to used and its resistance to corrosion properties 	
B.	Construction	<p>Type of material and structure:</p> <ul style="list-style-type: none"> • State: 	
C.	Bulkhead	<p>To be pass through style (operator can pass from drivers compartment to operator station)</p> <ul style="list-style-type: none"> • State 	
D.	Capacity	<p>Large enough accommodate all equipment required.</p> <ul style="list-style-type: none"> • State capacity 	
E.	Dimensions	<p>Length – Approximately 16’</p> <ul style="list-style-type: none"> • State: <p>Width – Approximately 8’</p> <ul style="list-style-type: none"> • State <p>Sides - Approximately 6’6” high</p> <ul style="list-style-type: none"> • State: 	
F.	Layout	<p>Cargo body requires a separate office/operator station equipped with a desk and chair with doors to the driver’s compartment, rear cargo area, and outside of vehicle. Office will be heated, and air conditioned.</p> <ul style="list-style-type: none"> • State: 	
G.	Access	<p>All access points should have provisions for three-point contact and steps will be ergonomically designed.</p> <ul style="list-style-type: none"> • State: 	
H.	Power Awning	<p>The rear of the body will have a powered deploy and retract awning to protect equipment and operator form rain and sun.</p> <ul style="list-style-type: none"> • State: 	
I.	Lighting	<p>Interior will have all LED lighting that sufficiently illuminates all work areas. Exterior will have strobes on all four corners, roof mounted beacons, and a front and rear mounted traffic advisory strip light with controls mounted in cab.</p> <ul style="list-style-type: none"> • State: 	
J.	Warranty	Warranty on cargo body	

		<ul style="list-style-type: none"> State: 	
K.	Miscellaneous	<p>The following will also be mounted/installed in the cargo body:</p> <ol style="list-style-type: none"> 1- Dual swing style rear opening doors that rotate 270 degrees to be out of the way of traffic. 2- Side entry door leading into operator station on curb side of vehicle. 3- Rear back-up camera 4- Gas generator with sufficient capacity to run all components, and fuel plumbed into main vehicle tank. 5- Roof mounted air conditioning unit with sufficient cooling capacity. 6- Exterior shore power package to allow generator to be shut off when shore power is available. 7- Minimum 10 gallon pressurized wash-down system. 8- Wall-mounted electric heater with sufficient capacity <ul style="list-style-type: none"> State: 	
5. Camera and inspection equipment			
A.		<ul style="list-style-type: none"> Hi Definition 1920 x 1080 	
B.		<ul style="list-style-type: none"> Full pan and tilt 	
C.		<ul style="list-style-type: none"> Ability to video 9" – 36" pipe 	
D.		<ul style="list-style-type: none"> LED Lighting 	
E.		<ul style="list-style-type: none"> Front and Rear camera system 	
F.		<ul style="list-style-type: none"> Built in 512 khz saund 	
A.		<ul style="list-style-type: none"> Diameter and detect measurement 	
B.		<ul style="list-style-type: none"> Auto focus camera 	
6. Tractor			
A.		<ul style="list-style-type: none"> Capable of 8" – 36" pipe 	
B.		<ul style="list-style-type: none"> Zero turn full steering 	
C.		<ul style="list-style-type: none"> Wheels for 8"-36" pipe 	
D.		<ul style="list-style-type: none"> Light head for 8"-36" pipe 	
E.		<ul style="list-style-type: none"> Elevator for light head and camera 	
F.		<ul style="list-style-type: none"> 512 khz saund 	
G.		<ul style="list-style-type: none"> All tools required for operation – State included tools 	
H.		<ul style="list-style-type: none"> High traction carbide wheels 	
I.		<ul style="list-style-type: none"> Pneumatic tires for 24" pipe 	
J.		<ul style="list-style-type: none"> Treaded wheels for 8" and up 	

7. Lateral Launch module			
A.		• High definition lateral camera	
B.		• 150 foot inspection of laterals from mainline	
C.		• 600 feet of soft cable	
D.		• Pushrod propulsion for lateral launch	
E.		• Interchangeable connector between soft cable and pushrod	
8. Control unit - <i>*operates mainline, tractor, drum, lateral launch camera</i>			
A.		• Joystick controls	
B.		• Video in/out	
C.		• Emergency stop	
D.		• 120 volts operating	
E.		• Microphone inputs	
F.		• Distance counter	
9. Power Reel			
A.		• Synchro power cable reel for use with fiber optic cable	
A.		• Fiber optic cable equipped	
B.		• Synchronized cable in and out	
C.		• Operates mainline and lateral launch cable	
D.		• 400 meters mainline cable	
E.		• 180 meters lateral launch cable	
F.		• Integrated counter capable of off manhole setups	
G.		• Lowering winch with foot operation	
H.		• Lowering pole or bracket	
10. Computer			
A.		• Industrial PC mounted in truck body	
B.		• Quad core processing	
C.		• 16 gig ram	
D.		• 2TB hard drive, keyboard, mouse,	
E.		• Video capture software PACP compatible – eg: pipe logix, posm, wincan	
F.		• Dual monitors & rear monitor	
G.		• All tools required for tractor, camera, drum – state included tools	
H.		• Parts/service Manuals & training	
11. SAFETY EQUIPMENT			
A.	Certification	• Meets ANSI B71.4-2004 standard • Meets Canadian Motor Vehicle Safety Standards	
B.	Fire Extinguisher	5 lb ABC - Mounted in operators cab	

12.	WARRANTY		
	Warranty	<ul style="list-style-type: none"> State standard warranty, duration of warranty, what is included and what is not covered State engine and emissions warranty, duration of warranty, what is included and what is not covered Provide information as to available extended warranties what is covered, duration of coverage and cost to purchase 	
13.	DELIVERY		
A.	Pre-delivery and Inspection	Complete pre-delivery and motor vehicle inspection check	
14.	PARTS AND SERVICE		
A.	Spare Parts List	Complete list of preventative maintenance parts and consumables. <ul style="list-style-type: none"> Provide part numbers and description 	