

CITY OF DUVALL
SEWER INSPECTION CAMERA (CRAWLER) PURCHASE
REQUEST FOR BIDS

ISSUE DATE: February 20, 2025
SUBMITTALS DUE: March 6, 2025, 10:00 AM PST

Request for Bids:

In accordance with Duvall's 2023 Purchasing Manual, Section 7.4 Formal Bidding Process – Material, Supplies, or Equipment, the City of Duvall is soliciting for bids for the purchase of equipment; specifically, a crawler style sewer pipe inspection camera. Sealed Bids may be emailed, mailed, or hand delivered to the contact information below and must be received before **10:00 AM on Thursday, March 6th, 2025**. All interested vendors are invited to submit a bid for this request. The City will select the vendor who submits the lowest bid that can meet the minimum specifications required.

Summary of Work:

The equipment purchase solicitation includes the furnishing and delivery of one crawler style sewer inspection camera system. The specifications provided detail the general requirements for an acceptable crawler and response. The equipment will be delivered to the city's Public Works Department during normal business hours, on a mutually agreed date. Delivery address to be provided at that time.

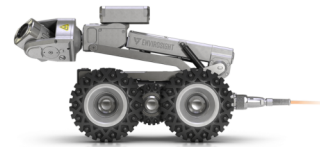


Figure 1 - Example

Bidding Information:

Prior to submitting their bid, it shall be the vendor's responsibility to confirm any changes in the final requirements or details related to this solicitation. Changes will be posted on the City's Current Projects, Bidding Opportunities sections. Vendors can ask the Project Manager questions regarding this solicitation through 1:00 PM on Monday, March 3rd, 2025. The City shall have responses to all questions / amendments uploaded to the website by the end of the day. Oral communications are considered unofficial and non-binding.

The "Bid Schedule" and "Bid Specifications" forms shall be completed and returned with the submittal. The Vendor may also request approval as an "Approved Equal" from the Project Manager prior to submittal. All submitted bids must include total package cost, detailed performance & equipment specifications, and warranty information. A sales tax rate of 9.0% will be added to the sum of the equipment cost. Please complete the attached bid form and return it with your submittal.



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Bidders shall guarantee the Total Bid Price for a period of 60 calendar days from the date of the bid opening.

Due Date: 10:00 AM on Thursday, March 6th, 2025

Bids shall be submitted electronically to the Project Manager at bids@duvallwa.gov and benjamin.ressler@duvallwa.gov, mailed to and received by the City prior to the due date to P.O. Box 1300 Duvall, WA 98019 or hand delivered to City Hall at 15535 Main St NE, Duvall, WA 98019. All proposals will be reviewed and evaluated by Public Works staff prior to recommending the award of the purchase.

It is recommended that vendors wait until the after the question / answer deadline to submit bids as amendments and changes may be made to the specifications up to that point.

Bids will be opened to the public via a Zoom meeting. Information for the opening will be posted on the City's Current Projects, Bidding Opportunities webpage closer prior to the opening.

Contact:

For any questions regarding this purchase, please contact the Project Manager, Benjamin Ressler, by phone at 425-939-8046 or by e-mail at benjamin.ressler@duvallwa.gov.

Owner's Rights Reserved:

The City of Duvall reserves the right to reject any or all Bids for any reasons and to waive informalities in the bidding process. The City may put out any amendments to the purchase documents or specifications at any time prior to the due date. The Agreement will be awarded to the lowest responsive, responsible bidder as it may best serve the interest of the City of Duvall.

Equal Opportunity:

The City of Duvall is an Equal Opportunity Employer and does not unlawfully discriminate on the basis of race, sex, age, color, sexual orientation, religion, national origin, marital status, genetic information, veteran's status, disability, or any other basis prohibited by federal, state or local law.

Americans with Disabilities Act (ADA) Information

The City, in accordance with Section 504 of the Rehabilitation Act (Section 504) and the Americans with Disabilities Act (ADA), commits to nondiscrimination on the basis of disability in all of its programs and activities. This material can be made available in an alternate format by emailing Benjamin Ressler at benjamin.ressler@duvallwa.gov or by calling 425-393-8046.

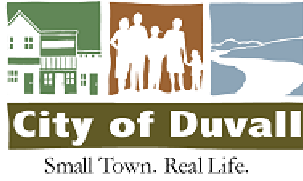
Title VI Statement

The City of Duvall in accordance with Title VI of the Civil Rights Act of 1964, 78 Stat. 252, 42 U.S.C. 2000d to 2000d-4 and Title 49, Code of Federal Regulations, Department of Transportation, subtitle A, Office of the Secretary, Part 21, nondiscrimination in federally assisted programs of the Department of Transportation issued pursuant to such Act, hereby



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notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, disadvantaged business enterprises as defined at 49 CFR Part 26 will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, national origin or sex in consideration for an award.



BID SCHEDULE

For the "2025 Sewer Inspection Camera" equipment solicitation, the following Bid is submitted:

SUPPLIER: <hr style="border: 0; border-top: 1px solid black;"/> <div style="text-align: center;">(name)</div>	
Item Description	PRICE
<div style="border: 1px solid black; padding: 5px; text-align: center;"> Sewer Inspection Crawler Camera - Complete Unit; in accordance with detailed Specifications & including delivery </div>	<div style="border: 1px solid black; height: 40px;"></div>
Sub-Total	<div style="border: 1px solid black; height: 30px;"></div>
WA State Sales Tax at 9.0%	<div style="border: 1px solid black; height: 30px;"></div>
TOTAL Price	<div style="border: 1px solid black; height: 30px;"></div>

Bidder further agrees to provide the equipment as described or requested and to accept in full payment therefore the Contract Price based on the total Bid Price(s) set forth in the Bid Sheet.

Dated: _____ Bidder: _____

By: _____
(Signature)

(Print Name)

Title: _____

Address: _____

SPECIFICATIONS

FEBRUARY 2025

The purpose of these specifications is to describe a crawler vehicle system that is specifically designed for and shall be capable of videoing and recording utility pipes. It is expected to be used in both sewer and stormwater pipe inspections for pipe sizes ranging from 6” to 24”. **Vendors shall note (✓) whether their equipment complies with each specification. This form shall be filled out and returned with the bid.**

Prior to bid award, an on-site demonstration of the equipment offered may be requested at the agency’s location within 7 days. This request is to verify that their unit complies with all specification requirements before their bid will be considered. Failure to carry out the provisions noted herein is deemed sufficient reason to reject the bidder’s proposal.

	1. General Specifications	Comply	Does Not Comply
A.	Vendor signing the bid shall have proof of authority to submit bids.		
B.	Lowest vendor shall be able to provide an on-site demonstration within 7 days of the bid to prove the equipment meets the minimum specifications.		
C.	All qualified bidders must have and maintain a complete inventory of replacement parts and have experienced factory-trained service personnel for this equipment.		
D.	Comprehensive operational, maintenance and safety manuals or videos shall be supplied with each unit.		
E.	A factory-trained person shall be made available on-site for initial start-up and training in the operation of the crawler.		
F.	At least two Cities or County agencies within Washington State shall have purchased and is actively using the proposed equipment. If selected, the vendor shall provide their contact information for to Duvall to call for equipment references. Duvall reserves the right to eliminate equipment upon a negative review.		
G.	Vendor shall be able to provide Duvall with in invoice of purchase by March 24, 2025.		
H.	Bidder must have a parts/service location and keeps a sufficient stock of parts on hand at all times.		
I.	The bidder has been engaged in the sale and support of this make and model of equipment for at least twenty-four months.		
J.	Equipment shall come with a minimum of 1 year warranty on purchase. Warranty information shall be provide with bid submittals.		
K.	Equipment shall come in its own carrying / transport case.		

	2. Crawler Specifications	Comply	Does Not Comply
A.	Usable in sewer and stormwater pipes.		
B.	Capable of maneuvering in pipes between 6" to 24" wide.		
C.	Able to be on for 5 hours in a row minimum. Either battery powered or plug in connection.		
D.	Capable of complete submersion within storm / sewer systems. IP-68 rated.		
E.	Made of aluminum and/or stainless steel.		
F.	Operating temperature of 32 deg. F to 104 deg. F.		
G.	Skid Steer capable. Turning radius of 0.0'.		
H.	Capable of maneuvering over obstructions in pipe up to 1.5".		
I.	Ability to lift camera to center of pipes in pipe sizes mentioned above or reach above water line.		
J.	Changeable wheels. Submittal must include all general purpose wheel sizes to fit in the pipe sizes listed above.		
K.	33kHz/512Hz Sonde Transmitter		
L.	Includes sensors for pitch, roll, temperature, pressure and pan/tilt.		

	3. Camera Specifications	Comply	Does Not Comply
A.	HD Camera, resolution of 1080p minimum.		
B.	10x optical zoom.		
C.	120x digital zoom.		
D.	Auto and manual focus controls.		
E.	360 degree pan / rotation		
F.	+/- 135 degree tilt		
G.	Laser scaler to estimate size of defects.		

	4. Control Pendant Specifications	Comply	Does Not Comply
A.	Handheld control with joystick and touchscreen controller. Must be IP-55 rated and durable enough to be use in the field.		
B.	10" Min. Color Tablet. Must be able to take field notes on the screen.		
C.	Internal Storage of 64 GB Min.		

D.	Video and Image Capture (MPEG-4, JPEG, PNG)		
E.	USB 2, USB 3, or HDMI Connectable.		
F.	Control software with report generation capabilities.		

	5. Reel Specifications	Comply	Does Not Comply
A.	Supplier shall include a cable reel		
B.	Automated capable reel that works in forward and reverse.		
C.	Cable length of at least 900'.		
D.	Cable diameter of ¼" min.		
E.	Cable strength of 1000 lbs min.		

ADVERTISEMENT FOR BIDS

NOTICE TO VENDORS

EQUIPMENT PURCHASE – SEWER INSPECTION CAMERA

The City of Duvall is looking to purchase a crawler sewer inspection camera system. Detailed information, specifications, and terms about the purchase can be found in the Purchasing Package available through the City of Duvall Public Works' Current Projects webpage at <https://www.duvallwa.gov/303/Current-Projects>. If you are unable to obtain the package from the webpage listed above, please contact Ben Ressler by e-mail or phone at the contact information below. **Bids will be accepted until 12:00 PM PST on Thursday, March 6, 2025.**

Please direct any questions concerning this purchase to the Project Manager listed in the package and shown below. Proposing vendors may submit written questions by email only to the Project Manager at any time prior to the question deadline on Monday, March 3, 2025. Any oral communications will be considered unofficial and non-binding on the City. Vendors are expected to visit the City's website for addenda and responses to questions.

The City reserves the right to amend the terms of this equipment, to circulate various addenda, or to withdraw the purchase request at any time, regardless of how much time and effort vendors have spent on their bid proposals.

Project Manager Contact Information:

Benjamin Ressler, PE
benjamin.ressler@duvallwa.gov
(425) 939-8046