

**AGENDA
OF THE WORK SESSION
CITY OF EAST GRAND FORKS
TUESDAY, JANUARY 28, 2025 – 5:00 PM**

CALL TO ORDER:

CALL OF ROLL:

DETERMINATION OF A QUORUM:

- 1. Consider Approval for the Parks and Recreation Commission Bylaw Update – Jeremy King**
- 2. Consider Awarding the Annual Sewer Cleaning Project – Jason Stordahl**
- 3. Request to Authorize Plans & Specifications for 2025 City Project No. 3 for Lift Station No. 13 Rehabilitation – Jason Stordahl**

ADJOURN:

Upcoming Meetings

Council Meeting – Tuesday, February 4, 2025 – Council Chambers – 5:00 PM
Work Session – Tuesday, February 11, 2025 – Training Room – 5:00 PM
Council Meeting – Tuesday, February 18, 2025 – Council Chambers – 5:00 PM
Work Session – Tuesday, February 25, 2025 – Training Room – 5:00 PM

Individuals with disabilities, language barriers or other needs who plan to attend the meeting and will need special accommodations should contact Nancy Ellis, ADA Coordinator at (218)-773-2208. Please contact us at least 48 hours before the meeting to give our staff adequate time to make arrangements. Also, materials can be provided in alternative formats for people with disabilities or with limited English proficiency (LEP) by contacting the ADA Coordinator (218)-773-2208 five (5) days prior to the meeting.

Request for Council Action

Date: January 28, 2025

To: East Grand Forks City Council Mayor Mark Olstad, Council President Brian Larson, Council Vice-President Tim Riopelle, Council Members Tami Schumacher, Ben Pokrzywinski, Dale Helms, Donald Casmey, and Karen Peterson.

Cc: File

From: Jeremy King, Parks & Recreation

RE: Parks and Recreation Commission Bylaw Update

Background:

The Parks and Recreation Commission has proposed amending the bylaws to shift our meetings from once a month to a quarterly format.

By shifting to quarterly meetings, we feel we can make better use of commissioner's time while providing enough opportunities to address important topics. The designated months have been selected to coincide with the beginning and end of our summer and winter programming.

Bylaws changed to read:

Regular Meetings: The regular meetings of the Commission shall occur ~~monthly~~ quarterly on the 3rd Wednesday of the designated months, at 4:30 p.m. The designated months shall be January, April, August, and November. Meetings of the Commission shall be subject to the Open Meeting Law.

Any changes to the bylaws must be approved by the City Council prior to taking effect.

Budget Impact:

None

Recommendation:

Approve updated bylaws

Enclosure:

Updated Bylaws

By-Laws of the Parks and Recreation Commission of the City of East Grand Forks, MN

ARTICLE I – NAME

Section 1. The name of this advisory Commission shall be the East Grand Forks Parks and Recreation Commission; hereinafter referred to as the Commission.

ARTICLE II – PURPOSE AND DUTIES

- Section 1. The purpose and duties of the Commission is to advise and make recommendation to the city council regarding:
1. To obtain and reflect citizen input and comments regarding Parks & Recreation facilities and programs
 2. To develop and recommend a strategic plan to address the Park & Recreation needs of the City including facilities, programs, future park locations, and ongoing capital improvements and maintenance needs
 3. To review and recommend user fees and Parks & Recreation policy for facility use and recreation programming
 4. To provide feedback and comment regarding special parks and recreation projects or events
 5. To make recommendations regarding the establishment of a park foundation or other means of soliciting and receiving park directed gifts and donations
 6. To make recommendations to City Council in ways the City can increase awareness and utilization of park facilities and programs
 7. To assist the Mayor and City Council with other park and recreation related activities and functions as directed

ARTICLE III – MEMBERSHIP & APPOINTMENT

Section 1. Appointment: The Commission shall consist of seven (7) members, one from each of the Cities five wards, and two (2) City Council Members. The Commission shall be appointed by the Mayor of East Grand Forks, with approval by the City Council.

Section 2. Terms:

1. The terms of the members of the Commission shall be for three years, with staggered expiration dates.
2. No member shall serve more than two full terms, except that persons appointed to fill an unexpired term shall be eligible to serve for two full terms in addition to serving the unexpired term.
3. All terms are to begin January 1, except as otherwise provided in the filling of vacancies.
4. An appointed member shall continue to serve until his or her successor is appointed.
5. The first Commission members shall be appointed for one, two, and three years as designed by the City Council.

Section 3. Resignation or Removal:

1. Commission members may be removed from their appointment by the Mayor, with City Council consent, for cause after a hearing
2. A member who seeks to resign from the Commission shall submit a written resignation to the chair of the Commission, the staff liaison, or the office of the Mayor. If possible, the resignation should allow for a thirty-day notice so a new member can be appointed.
3. If a member misses three (3) consecutive Commission meetings without a valid excuse, such attendance record shall be considered cause for removal from the Commission.

ARTICLE IV – OFFICERS

Section 1. Officers: The officers of the Commission shall be a Chair, Vice Chair, and a Secretary. The Chair and Vice Chair shall be members of the Commission and shall be elected annually. The Commission shall appoint the Secretary, who need not be a member of the Commission.

Section 2. Chair: The Chair shall preside at all meetings of the Commission. He/She shall appoint all committees, represent the Commission at ceremonial functions, and approve each final meeting agenda. At each meeting the Chair shall submit such recommendations and information as he or she may consider proper concerning the business and affairs of the Commission.

Section 3. Vice-Chair: The Vice-Chair shall perform the duties of the Chair in the absence or incapacity of the Chair; and in case of the resignation or death of the Chair, the Vice-Chair shall perform such duties as are imposed on the Chair until such time as the Commission shall select a new Chair.

Section 4. Secretary: The Secretary shall keep minutes of all meetings of the Commission and shall maintain all records of the Commission. The Secretary shall also have such additional duties and responsibilities as the Commission may from time to time and by resolution prescribe. The Secretary need not be a member of the Commission.

Section 5. Additional Duties:

1. The officers of the Commission shall perform such other duties and functions as may from time to time be required by the Commission.
2. An individual Commission member may not act in an official capacity except through the action of the Commission.

Section 6. Ex-Officio Commission Members: The Commission may duly elect additional ex-officio members by motion of the Commission, passed by a majority vote. Ex-officio members are non-voting positions.

1. Standing ex-officio members of the Commission include:
 - i. Altru Health partnership representative
 - ii. EGF Arts & Crafts Council representative

- iii. EGF Blue Line Club representative
- iv. EGF Home Run Club representative
- v. EGF Soccer Club representative
- vi. Grand Cities Lacrosse Club representative
- vii. ISD 595 Activities Director
- viii. ISD 595 Community Education Director
- ix. Northern Lights Figure Skating Club representative
- x. Parks & Recreation Superintendent
- xi. Save our Pool representative
- xii. Sacred Heart Schools Activities Director

ARTICLE V – MEETINGS

- Section 1. Annual Organizational Meeting. The annual organizational meeting of the Commission shall be held in January at a time specified by the Commission. The purpose of this meeting shall be to elect the Commission Chair and Vice-Chair, as well as conduct such other business which comes before it.
- Section 2. Regular Meetings: The regular meetings of the Commission shall occur ~~monthly~~ quarterly on the 3rd Wednesday of the designated months, at 4:30 p.m. The designated months shall be January, April, August, and November. Meetings of the Commission shall be subject to the Open Meeting Law.
- Section 3. Meeting Location: Meetings of the Commission shall be held at a place designated by the Commission.
- Section 4. Quorum & Voting: Four members shall constitute a quorum for the purpose of conducting the business and exercising powers of the Commission and for all other purposes, but a smaller number may adjourn from time to time until a quorum is obtained. When a quorum is in attendance, action may be taken by the Commission upon a vote of a majority of the members present.
- Section 5. Agenda: Any Commission member may place an item on the agenda by oral or written request to the staff liaison at least five (5) days before the meeting. After first consulting with and receiving input from the staff liaison, the chair shall approve each final meeting agenda. The staff liaison shall submit the meeting agenda to all Commission members not less than three (3) days before the meeting.
- Section 6. Order of Business: At the regular meetings of the Commission, the following shall be the order of business:
- 1. Roll Call
 - 2. Approval of the minutes of previous meeting
 - 3. Committee Reports
 - 4. Old business
 - 5. New business
 - 6. Adjournment

All resolutions shall be written or transcribed and shall be retained in the journal of the proceedings maintained by the Secretary.

Section 7. Rules of Order: The meetings of the Commission shall be governed by the most recent edition of Robert's Rules of Order.

Section 8. Appeal to Council: Any person aggrieved by an action or decision of the Commission may appeal the action or decision to the City Council by filing a notice of appeal, in writing, with the City Clerk within ten days of the action or decision. The Council shall then consider the action or decision and a determination by the council thereon shall be final. The appealed action or decision shall remain effective pending appeal unless it is suspended by order of the Council.

ARTICLE VI – AMENDMENTS

Amendments to Bylaws. The bylaws of the Commission shall be amended only with the approval of at least four (4) members of the Commission at a regular or a special meeting; provided, however, that such proposed amendments shall be submitted in writing to all Commission members at least two (2) weeks prior to the meeting at which they shall be voted upon, and notice of the date, time, and place of the meeting shall be contained therein. Before such amendments may become effective, such changes must be approved by the City Council.

Approval:

- These By-Laws approved by Parks & Recreation Commission at organizational meeting on Monday, April 23, 2018
- Approved by City Council of East Grand Forks on Tuesday, May 16, 2018

Request for Council Action

Date: 1/22/2025

To: East Grand Forks City Council Mayor Mark Olstad, Council President Brian Larson, Council Vice-President Tim Riopelle, Council Members Tami Schumacher, Ben Pokrzywinski, Dale Helms, Donald Casmey, and Karen Peterson.

Cc: File

From: Jason Stordahl-Public Works Director

RE: Annual Sewer Cleaning

The City Council elected in 2011 to put in place a preventative maintenance program by which the City would clean 1/5th of the sanitary sewer each year on an ongoing basis. This year we are scheduled to clean the south end of town, west of Bygland Road and trouble areas. The City has sufficient funds in our Sewage Enterprise Fund to pay for the project.

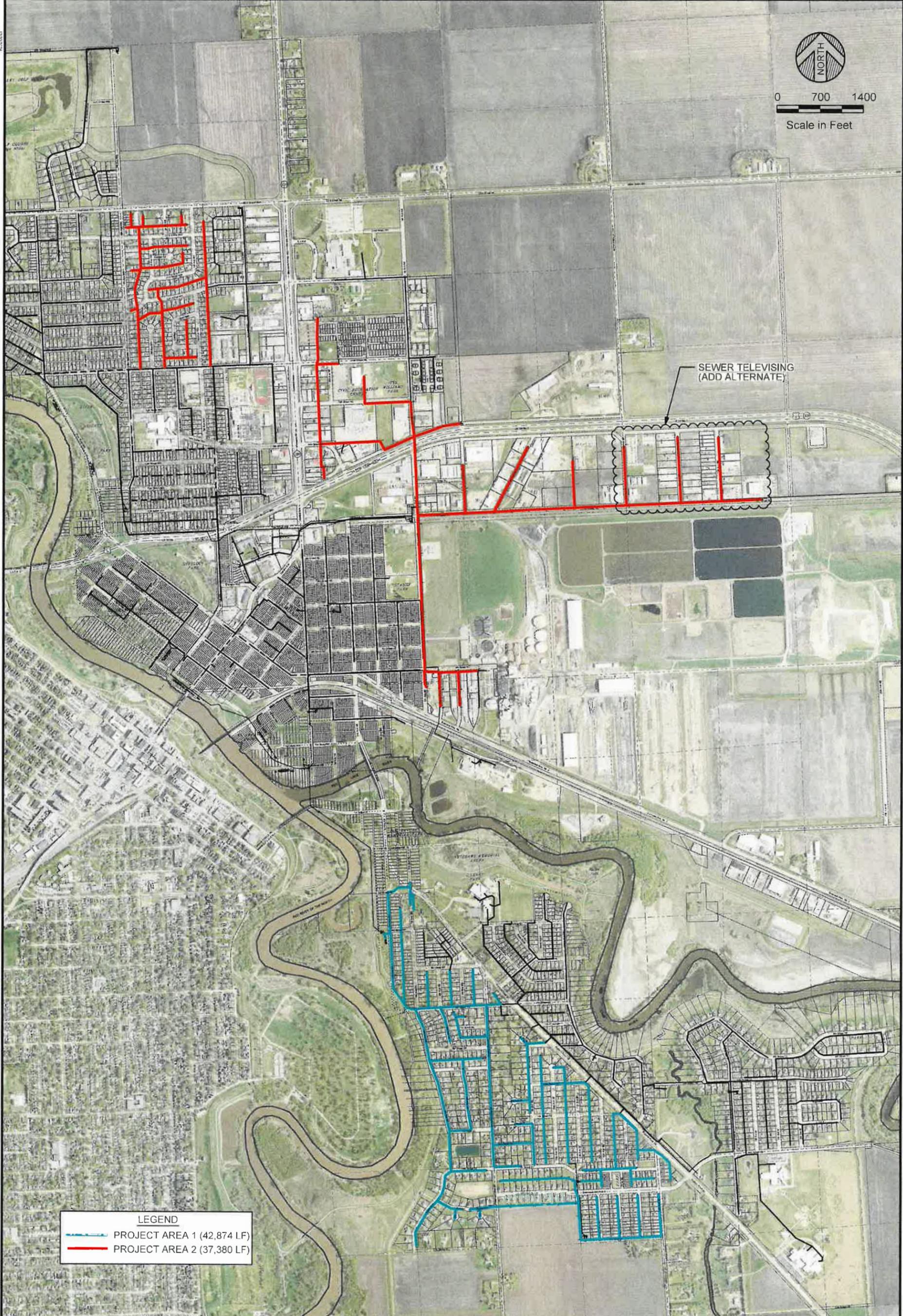
We sent out a “request for proposal” to four contractors, and received the following three proposals:

	Project No. 1 & 2	Project No. 1 & 2 + Add Alternate
Johnson Jet-Line, Inc.	\$ 103,952.92	\$ 111,917.92
Pipe Detectives, Inc.	\$ 105,606.00	\$ 111,447.00
Jet-Way Multiple Services, Inc.	\$ 184,878.50	\$190,188.50

Recommendation: Reject the “add alternate” and award the City’s annual sewer cleaning (project areas 1 & 2) to Johnson Jet-Line, Inc. for \$ 103,952.92.



0 700 1400
 Scale in Feet



SEWER TELEVISION
 (ADD ALTERNATE)

LEGEND	
	PROJECT AREA 1 (42,874 LF)
	PROJECT AREA 2 (37,380 LF)

SHEET C110 OF 110	CITY OF EAST GRAND FORKS, MINNESOTA		DATE	12/23/2024	DATE	REVISION	DESCRIPTION	BY	I HEREBY CERTIFY THAT THE PLAN, SPECIFICATIONS, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.	
	2025 SEWER CLEANING & TELEVISION		SCALE	AS SHOWN		▲				
	EAST GRAND FORKS, MINNESOTA		DRAWN BY	MB		▲				
	PROJECT AREA MAP		CHECKED BY	GRE		▲				
			JOB NUMBER	2024-1001		▲				
				DESIGNED BY				STEVEN J. EMERY	DATE: 12/23/2024	REG. NO: 41394



BID TABULATION
2025 SANITARY SEWER CLEANING
EAST GRAND FORKS, MN

1/23/2025

PROJECT AREA NO. 1				Johnson Jet Line, Inc		Pipe Detectives		Veit & Company, Inc	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization	LS	1	\$ 4,900.00	\$ 4,900.00	\$ 2,999.00	\$ 2,999.00		\$ -
2	Traffic Control	LS	1	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00		\$ -
3	Sewer Cleaning (8"-21" Pipe)	LF	42,874	\$ 0.98	\$ 42,016.52	\$ 1.00	\$ 42,874.00		\$ -
4	Clean Lift Station	EA	12	\$ 500.00	\$ 6,000.00	\$ 500.00	\$ 6,000.00		\$ -
5	Removal of Roots	EA	10	\$ 100.00	\$ 1,000.00	\$ 200.00	\$ 2,000.00		\$ -
6	Removal of Protruding Taps	EA	5	\$ 100.00	\$ 500.00	\$ 250.00	\$ 1,250.00		\$ -
7	Bypass Pumping	EA	1	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00		\$ -
TOTAL BID - PROJECT AREA NO. 1					\$ 54,418.52		\$ 55,125.00		\$ -

PROJECT AREA NO. 2				Johnson Jet Line, Inc		Pipe Detectives		Veit & Company, Inc	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Mobilization	LS	1	\$ 4,900.00	\$ 4,900.00	\$ 2,999.00	\$ 2,999.00		\$ -
2	Traffic Control	LS	1	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00		\$ -
3	Sewer Cleaning (8"-21" Pipe)	LF	37,380	\$ 0.98	\$ 36,632.40	\$ 1.00	\$ 37,380.00		\$ -
4	Sewer Televising	LF	1,000	\$ 2.50	\$ 2,500.00	\$ 1.10	\$ 1,100.00		\$ -
5	Sewer Lead Televising	LF	1,000	\$ 5.00	\$ 5,000.00	\$ 8.00	\$ 8,000.00		\$ -
6	Removal of Roots	EA	5	\$ 100.00	\$ 500.00	\$ 200.00	\$ 1,000.00		\$ -
7	Bypass Pumping	EA	1	\$ 1.00	\$ 1.00	\$ 1.00	\$ 1.00		\$ -
TOTAL BID - PROJECT AREA NO. 2					\$ 49,534.40		\$ 50,481.00		\$ -

ADD ALTERNATE				Johnson Jet Line, Inc		Pipe Detectives		Veit & Company, Inc	
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
1	Sewer Televising	LF	5,310	\$ 1.50	\$ 7,965.00	\$ 1.10	\$ 5,841.00		\$ -
TOTAL BID - PROJECT AREA NO. 1 + PROJECT AREA NO. 2					\$ 103,952.92		\$ 105,606.00		\$ -



City of East Grand Forks

600 DeMers Ave · P.O. Box 373 · East Grand Forks, MN 56721
218-773-2483 · 218-773-9728 fax www.eastgrandforks.net

January 6, 2025

Chase Johnson
Johnson Jet-Line
16275 State Hwy 27 W
Kensington, MN 56343

Lance Edwards
Jet-Way Multiple Services, Inc
PO Box 131
Harwood, ND 58042

Colleen Lund
Pipe Detectives
18695 270th St.
Elbow Lake, Mn 56531

Ricky Fredrickson
Veit & Company
15429 Comet Road NW
Bemidji, Mn 56601

RE: Request for Quotes
2025 Sanitary Sewer Televising / Cleaning
East Grand Forks, MN

Dear Contractors:

The City of East Grand Forks Public Works Department is requesting Quotes for the above referenced project. Quotes will be received until **10:00 A.M. January 23, 2025** in the Administration Office, East Grand Forks City Hall located at 600 Demers Ave.

Included for your use in preparing your bid are the following items:

1. Project Area Map
2. Specifications: **Section 33 0130.11 – Sewer Cleaning and CCTV Inspection**
3. Bid Forms

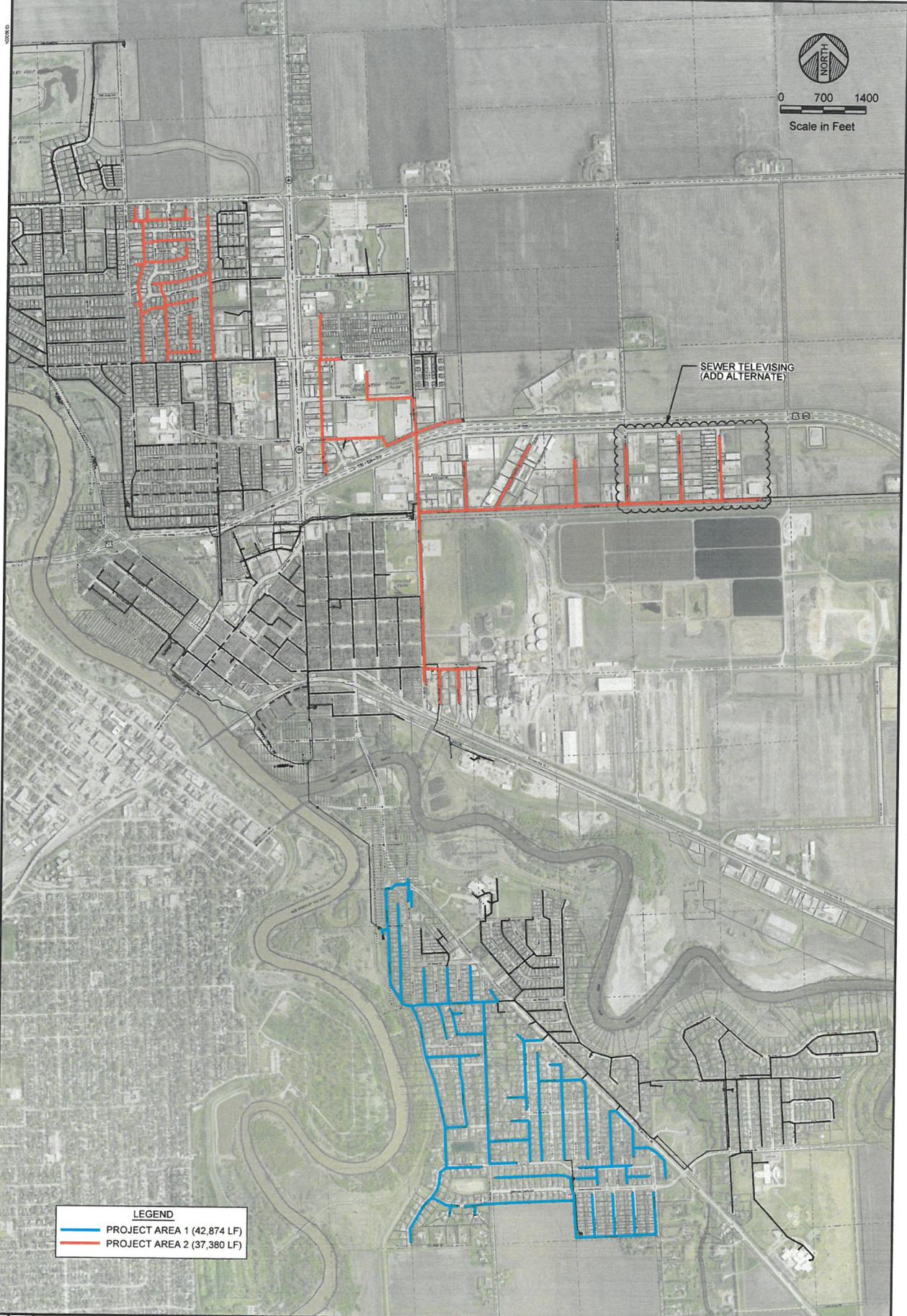
If you have any questions, please feel free to give me a call at 218-791-8190 or I can be reached by e-mail at dnelson@egf.mn

Respectfully,
City of East Grand Forks Public Works Department

Dillon Nelson, Stormwater / Wastewater Operator



0 700 1400
 Scale in Feet



LEGEND
 — PROJECT AREA 1 (42,874 LF)
 — PROJECT AREA 2 (37,380 LF)

DATE: 12/23/2024
 SCALE: AS SHOWN
 DRAWN BY: RAB
 CHECKED BY: SRE
 JOB NUMBER: 2024-1001

CITY OF EAST GRAND FORKS, MINNESOTA
2025 SEWER CLEANING & TELEVISION
EAST GRAND FORKS, MINNESOTA
PROJECT AREA MAP

DATE	BY	REVISIONS DESCRIPTION
12/23/2024	AS SHOWN	
	RAB	
	SRE	
2024-1001		

BY: STEVEN R. EMERY
 I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.
 DATE: 12/23/2024 LIC. NO. 41364

WIDSETH
 ARCHITECTS • ENGINEERS • SCIENTISTS • SURVEYORS

SECTION 33 0130.11

SEWER CLEANING AND CCTV INSPECTION

PART 1 GENERAL

1.01 SUMMARY

- A. Sewer Cleaning – The intent of this work is to obtain competitive unit prices for all labor, tools, materials, and equipment necessary to clean and inspect via closed circuit television (CCTV) existing sanitary sewer ranging in size from 8 to 21 inch in diameter. The work shall include hydraulic jetter nozzle or robotic root cutting and cleaning and grinding of protruding service connections if required. This/these cleaning processes are intended as preparatory steps and a precursor to a thorough closed circuit television (CCTV) inspection of the lines and facilities included in this project area.
- B. CCTV Inspection – The intent of this work is to obtain competitive unit prices for all labor, tools, materials and equipment necessary to inspect and document the condition of the existing sanitary sewer system via closed circuit television (CCTV) within the project Area.
- C. Lift Station Cleaning – The intent of this work is to obtain competitive unit prices for all labor, tools, materials and equipment necessary to clean lift stations upon completion of sewer cleaning.

1.02 SCOPE OF WORK

- A. Sewer Cleaning – The intent of sewer line cleaning is to remove foreign materials and debris from the mainline sewers. This cleaning is also intended to restore the sewer to a minimum of ninety-five percent (95%) of its original carrying capacity.
- B. CCTV Inspection – After cleaning and removal of debris, the pipe sections between manholes or other structures shall be inspected by means of CCTV equipment. Each pipeline segment shall have its own designated video file and printed segment report. All CCTV inspections and resulting video, audio, and written reports shall be compiled, coded, and formatted in compliance with the National Association of Sewer Service Companies' (NASSCO) Pipeline Assessment and Certification Program (PACP®).
- C. Lift Station Cleaning: Upon completion of sewer cleaning the following Lift Stations shall be cleaned by vacuuming out the wet well and or vacuuming out the debris acquired and accumulated in the bar screens.
 - a. Lift Station No. 1, 4 & 5 Cleaning shall include Wet Well and Bar Screen Area
 - b. Lift Station No. 2, 3, 6, 7, 8, 10, 13, 14 & 16: Wet Well Cleaning Only.
- D. Schedule of Work Hours – The Contractor shall work during the hours of 7:00 AM to 9:00 PM Monday through Friday. If there is a need for after-hours work or Saturday work, prior consent shall be obtained from the Owner.

- E. Traffic Control – The Contractor shall be solely responsible for all signage, flagging, cones, personnel and any other item or personnel required for traffic control. All traffic control signs, barricades, cones, etc. shall comply with the latest edition of the Minnesota Manual of Uniform Traffic Control Devices (MMUTCD) All costs for traffic control shall be incidental to the project.

1.03 REFERENCES

- A. National Association of Sewer Service Companies (NASSCO), *Jetter Code of Practice*.
- B. National Association of Sewer Service Companies (NASSCO), *Manhole Assessment & Certification* program.
- C. National Association of Sewer Service Companies (NASSCO) prepared, *Pipe Line Assessment and Certification Program (PACP), TV inspection form and sewer condition codes*.

1.04 SUBMITTALS

- A. Safety Plan –The Contractor shall provide a safety plan and identify designated safety supervisory personnel to the Owner. The plan shall include confined space entry provisions and training, listing of personal protective equipment, and a traffic control plan
- B. CCTV Technician PACP Certification – The Contractor shall provide PACP certification documentation for all technicians on the project.

1.05 PROJECT SCHEDULE

- A. All work shall be completed between: **June 2, 2025 – September 30, 2025.**

1.06 MEASUREMENT AND PAYMENT

- A. **Traffic Control:** By the Lump Sum – Shall be compensation in full for all labor, tools, materials, and equipment necessary to furnish, install and maintain traffic control.
- B. **Sewer Cleaning:** By the Linear Foot of sewer cleaning measured from center of manhole to center of manhole – Shall be compensation in full for all labor tools, materials, and equipment necessary to clean sanitary sewer system in conformance with specifications and disposal of sanitary debris.
- C. **Sewer Televising:** By the Linear Foot of sewer televising measured from center of manhole to center of manhole- Shall be compensation in full for all labor, tools, materials, and equipment necessary to televise the sanitary sewer system and provide all necessary documentation and deliverables.
- D. **Sewer Lead Televising:** By the Linear Foot of sewer televising measured from center of Sewer Main to termination point within individual sewer service as directed by City Staff. - Shall be compensation in full for all labor, tools, materials, and equipment

necessary to televise the sanitary sewer service and provide all necessary documentation and deliverables.

- E. **Clean Lift Station:** By the Each. Shall be compensation in full for all labor, tools, materials, and equipment necessary to clean lift stations and properly dispose of all debris.
- F. **Remove Protruding Taps (If required):** By the Each. Shall be compensation if full for all labor, tools, materials, and equipment necessary to remove protruding taps including removal and proper disposal of removed piping.
- G. **Removal of Roots (If required):** By the Each. Shall be compensation in full for all labor, tools, materials, and equipment necessary to remove roots utilizing Hydraulic Jetter nozzle or robotic cutter, including proper disposal. Chain style cutters will not be allowed.
- H. **Bypass Pumping (If required):** By the Each. Shall be compensation if full for all labor tools, materials and equipment necessary to bypass Sanitary Sewer flow around work if required.

PART 2 EQUIPMENT

2.01 SEWER CLEANING EQUIPMENT

- I. **Cleaning Equipment –** Line cleaning for this work shall be accomplished using equipment suitable to the task. Equipment shall include an assortment of hydraulic nozzles and or robotic root saws and other ancillary equipment necessary to accomplish the cleaning portion of the work. Use of chain style cleaners will not be allowed.

2.02 CCTV EQUIPMENT

- A. **Type of Equipment -** The CCTV cameras used for inspection shall be specifically designed and constructed for such inspection. The cameras shall be operative in one hundred percent (100%) humidity conditions and capable of withstanding exposure to concentrations of pollutants typically found in municipal sewage.
- B. **Camera View -** The view seen by the camera shall be transmitted to a monitor of greater than or equal to (\geq) fifteen inches (15") diagonal dimension.
- C. **Camera Movement -** Camera systems shall be able to navigate minor objects, roots, and debris. The system used to move the camera through the pipe shall not obstruct the camera's view or interfere with proper documentation of the sewer conditions. The camera shall be capable of traversing the sewer line for a distance of at least one thousand feet (1,000'). The camera shall have sufficient clearance to allow for the assembly to pass through sewer lines of nominal diameter six inches (6") and larger.
- D. **Camera Accessories -** The Contractor shall provide ancillary wheels, crawlers, tracks, or other adjustment plates, skids, arms, axles, etc. as may be necessary or dictated by flow conditions, pipe diameter, etc. These accessories shall be utilized to stabilize the camera in the pipeline, provide adequate propulsion in the pipeline for the camera,

and/or to raise the camera above flow to provide a quality picture during CCTV inspection.

- E. Camera Features – Cameras shall record all images in color. Cameras shall have pan, tilt and zoom capabilities, and shall have a minimum of three hundred sixty degrees by one hundred eighty degrees (360° x 180°) rotation capability and or digital side scanning camera (panoramic). Illumination sensitivity shall be three (3) lux or less and provide a minimum of 460 lines of resolution. The focal distance shall be adjustable through range from one inch (1”) to infinity. There shall be no geometric distortion of the image.
- F. Supplemental Lighting and Lighting Adjustments - Cameras shall also be provided with ancillary or supplemental lighting packs or units to provide sufficient light and illumination in larger diameter conduits or conduits where additional lighting may be necessary (e.g. HDPE pipe). Lighting intensity shall be adjustable to minimize glare. Lighting and picture quality shall be adjustable to provide a clear picture of the entire periphery of the pipeline for all conditions encountered.
- G. Measurement of Distance - The distances traveled by the camera shall be measurable to one tenth of a foot (.1') by an onboard measuring device and shall provide video display readout of said distances in units of one tenth of a foot (.1'). The cable footage counter shall be accurate to plus or minus (+/-) one foot (1') per one hundred feet (100').

PART 3 EXECUTION

3.01 SEWER CLEANING

- A. Operating Flows and Pressures –The Contractor shall take particular care to avoid causing blockages, debris dams, or overcharging of pipe with excess water flow that may cause backups into residences or business entities connected to the sewer lines. The Contractor shall also be cognizant of the type, material, and condition of the pipe conduits being cleaned and use such wall force as necessary to clean the pipe. The Contractor shall take care not to cause further damage to existing sewer lines or sewer manholes during the cleaning process. Any damage to existing sewer lines or manholes caused by the Contractor's actions shall be brought to the immediate attention of the Owner.
- B. Capabilities - Cleaning equipment shall be capable of removing dirt, grease, sediment, rocks, sand, bricks, pieces of broken pipe, and other materials and obstructions from the sewer lines and manholes.
- C. Protection of Public and Private Property – During sewer cleaning operations, precautions shall be taken to prevent damage to public or private property. Any cleanup and associated costs caused by the Contractor's actions shall be the Contractor's responsibility to remedy.
- D. Water Supply for Jetting and Cleaning – Water required for jetting and cleaning shall be furnished by the East Grand Forks Water and Light Department by providing a connection to a municipal fire hydrant furnished with a meter and backflow preventer adjacent to the project area.

- E. Pipe Cleaning – High velocity pipe cleaning shall begin at the downstream manhole of a pipe segment and proceed upstream to the next inline manhole. The jetter hose and affixed tool (nozzle, root saw, etc.), shall proceed against the flow (i.e. upstream) to the next structure in line (i.e. the upstream manhole) if possible. The Contractor shall dewater and remove all sludge, dirt, sand, rocks, grease, and other solid or semisolid material and debris resulting from the cleaning operations from the downstream manhole of the sewer segment being cleaned. Passing material from sewer segment to sewer segment (without the debris being ultimately removed from the pipeline) shall not be permitted.
- F. Removal of Roots – Roots shall be removed from the sewer line:
1. All roots shall be removed (with the exception of “fine roots” as defined in PACP) to within one inch (1”) of the pipe wall.
 2. Roots shall only be removed utilizing hydraulic jetter nozzle or a robotic cutter proceeding from the downstream manhole or access point to the root mass. No “reverse cutting” from the upstream manhole or access point will be permitted.
 3. All lines that require root cutting will be inspected after root cutting is completed. Televising may be stopped and root cutting executed while the video recording is paused.
 4. Care shall be taken during root removal to prevent damage to the host pipe. If, in the Contractor’s opinion, removing roots by mechanical means would cause damage to the pipe, create further blockages, cause a loss of or damage to the Contractor’s equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.
- G. Removal of Mineral or Attached Deposits – Mineral or other attached deposits (MOAD) shall be removed:
1. All MOAD shall be removed to within ninety-five percent (95%) or the pipe diameter.
 2. MOAD shall only be removed by mechanical devices proceeding from the downstream manhole or access point to the MOAD. No “reverse cutting” from the upstream manhole or access point will be permitted.
 3. All lines that require MOAD cutting will be inspected after removal of MOAD is completed.
 4. Removal of hardened deposits such as concrete, mortar, or other cementitious type material found attached in the pipeline is beyond the scope of this project. Such material shall be documented and coded during the CCTV inspection as “Other Deposits” using the PACP modifier “DAZ”.
 5. Care shall be taken during removal of MOAD to prevent damage to the host pipe. If, in the Contractor’s opinion, removing deposits by mechanical means would cause damage to the pipe, create further blockages, cause a loss of or damage

to the Contractor's equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.

H. Removal of Protruding Taps – Protruding service taps shall be removed from the sewer:

1. All Taps shall be removed to within one half inch (0.5") of the pipe wall.
2. Protruding taps will only be removed by the mechanical device proceeding from the downstream manhole or access point to the tap. No "reverse cutting" from the upstream manhole or access point will be permitted.
3. It should be noted that removing protruding taps constructed of polyvinyl chloride (PVC) may result in cracking or other damage to the lateral pipe upstream of the mainline connection. If cracking or other damage should occur, the contractor will not be responsible for repairing this damage, replacing or relaying the lateral, etc.
4. All lines that require tap cutting will be inspected after tap cutting is completed. Televising may be stopped and tap cutting executed while the video recording is paused.
5. If it is determined that a protruding tap should be removed by mechanical devices referenced above, said tap will be removed and shall be incidental to the project.
6. Care shall be taken during removal of protruding taps to prevent damage to the host pipe. If, in the Contractor's opinion, removing protruding taps by mechanical means would cause damage to the main pipeline or connecting service lateral, create further blockages, cause a loss of or damage to the Contractor's equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.

I. Disposal of Sanitary Debris: Contractor shall dispose of all Sanitary Debris (Slurry) generated during cleaning operations at the Grand Forks Wastewater Treatment Facility. If the Debris has been dewatered and consists of mainly solids then those materials shall be disposed of at the Grand Forks Landfill. Contractor will be required to obtain a waste hauler permit from the City of Grand Forks with a Permit Fee of \$100.00.

J. General Cleanup of Work Area – The Contractor shall keep the work area(s) clear of trash, debris, and other work related refuse that may result from its normal day-to-day operations. This shall include returning worksites to their original condition prior to cleaning or CCTV processes, normal wear and tear excepted.

K. Other Responsibilities of the Contractor – The following circumstances shall constitute "other responsibilities" of the Contractor, including:

1. Contractor Related Overflow – In the event the Contractor causes, observes, or otherwise discovers an overflow, surcharged manhole, interruption of sewer service, or backup, the Contractor shall immediately notify the Owner.

2. Damage to or Disruption of Other Utilities – In the course of normal cleaning or CCTV operations, should other utilities be damaged or otherwise disrupted (e.g. gas lines, water lines, cable TV, communications cable), the Contractor shall immediately notify the Owner and the Engineer; and
3. Accessing Private Property – The Contractor shall not enter private property without the permission of the property owner. The Owner shall secure access to private property or easements prior to the start of the project.

3.02 CCTV INSPECTION

- A. Standards – Video inspection shall be completed per the Pipeline Assessment Certification Program (PACP®) as promulgated by the National Association of Sewer Service Companies (NASSCO).
- B. Certified Technicians – Video inspection shall be completed by technicians who have been certified by NASSCO as PACP compliant and trained. The technician's PACP certification number shall be included in all line segment reports as furnished as part of this project.
- C. Certified Software – All video inspection and subsequent reports shall be compiled using the latest version of a PACP compliant software package as certified by NASSCO.
- D. Video of Line Segments – Each line segment shall be video inspected one at a time. Each segment will have its own video file (with distinct file name) and corresponding line segment report. This shall apply to lines videoed from the upstream manhole moving to the downstream end and to lines being accessed from the downstream manhole or structure during “reverse setups”.
- E. Discovery of Undocumented Structures – When intermediate and undocumented manholes are found, the Contractor shall conclude the video inspection upon reaching the undocumented structure. A video file and printed line segment report shall be generated per usual procedures for this line segment. *It should be noted that the video text overlay that was created at the start of this survey will now be incorrect. This information and display cannot be changed within the video file once a line segment report has begun. The electronic file's name shall be changed to reflect the proper and accurate line segment information.* The report will indicate the location of the intermediate structure (by its footage upstream/downstream from the point of origin of the survey), its type and corresponding PACP code. A new line segment report will then begin at the intermediate and previously undocumented structure (now named, labeled, and documented) and proceed to the next structure indicated on the project maps, or to the next intermediate and undocumented structure, if any.
- F. Locating and Exposing Manholes and Structures – The Owner will locate and expose all manholes or other structures indicated on the project maps prior to the beginning of the project.
- G. Clean Camera Lens – The camera lens shall be kept clear of condensation, back splash, and/or other debris during CCTV inspection. In the event that the lens becomes clouded or fouled to the extent that the quality of the video is reduced, the Contractor shall stop

the recording, clean the lens thoroughly (or replace the camera unit if necessary), and then resume the video of the line segment.

- H. Corresponding Data – Each video clip or file and each digital photograph or file shall correspond to inspection data in the database, and each set of inspection data listed in the database shall be properly linked to the appropriate video file or photo(s).
- I. Video Inspection Parameters – The following information shall constitute the parameters for video inspection for this project:
 - 1. Video Format – The Contractor shall make a continuous color digital recording in Motion Picture Experts Group (MPEG) 1 format.
 - 2. Minimum Resolution – Video files shall have a minimum resolution of six hundred forty by four hundred eighty (640 x 480) pixels and an interlaced frame rate at a minimum of twenty-nine point nine (29.9) frames per second.
 - 3. Rate of Inspection – Video inspection will not exceed a traverse rate of thirty feet (30') per minute.
 - 4. Video Text Overlay – Each pipe segment video shall begin with a video text overlay (displayed for a minimum of five (5) seconds) and completed in accordance with PACP's CCTV inspection form headers and instructions as follows:
 - a) Line 1: Surveyed By
 - b) Line 2: City
 - c) Line 3: Street
 - d) Line 4: Weather
 - e) Line 5: Direction of Survey
 - f) Line 6: Use of sewer
 - g) Line 7: Pipe Material
 - h) Line 8: Pipe Diameter/Height
 - i) Line 9: Start Manhole Number (Utilize City Manhole Numbers)
 - j) Line 10: End Manhole Number (Utilize City Manhole Numbers)
 - k) Line 11: Inspection Time/Date
 - 5. Text Shown During Video – During the CCTV inspection, the video text overlay shall show the following text at all times:
 - a) Start Manhole number
 - b) End manhole number
 - 6. Evaluation of Defects and Observations – During the CCTV inspection, the camera shall stop at all defects, observations, and connections to ensure a clear view of the pipe condition and shall rotate the camera head to evaluate the defect, observation, or connection.
 - 7. Text Overlay of Observation – All defects and observations shall include a video text overlay of the appropriate PACP code/description.

8. Naming of Video Files – The naming of the video file shall consist of the following: “UPSTREAM MANHOLE - DOWNSTREAM MANHOLE” as shown in the following example (plus the appropriate file extension. The naming of all video files shall be consistent throughout the project:

123-124.mpg

J. Additional Inspection Procedures – Other inspection procedures shall include:

1. Pan of Manholes – All manholes shall be panned. This video footage shall occur at the beginning of each pipe segment survey inspection from the bottom of the manhole panning up to the manhole shaft. In the instance when the manhole is the terminating manhole of a survey, then the pan shall occur at the end of the pipe segment survey.
2. Reverse Setups – Obstructions may be encountered during the course of the CCTV inspection that prevents the travel of the camera. In instances when obstructions are not passable, the Contractor shall withdraw the equipment and begin a CCTV inspection from the opposite end of the sewer line, i.e. a reverse setup. If the video inspection is performed from this reverse setup vantage point, then a new video file shall be created and the name and corresponding header shall contain the word “REVERSE” in the upstream manhole name/label. This video file will be in numerical and chronological order immediately following the original video file. If the line only has one adjoining manhole and a reverse setup is not possible, the televising of the line shall be considered complete, the video inspection shall be abandoned, and the Contractor shall be paid for the footage successfully videoed.
3. Excessive Depth of Flow or Sags– If, in the course of the video line inspection, pipe flow is in excess of the acceptable PACP standards, the Contractor shall take one of the following actions before completing the video inspection:
 - a) Perform the video inspection during times of low flow conditions. If these conditions only exist outside the stated work periods of this project, the Contractor shall seek the Owners approval before working during these times, OR
 - b) Insert a pipe plug or other flow reducing or eliminating device at the upstream manhole or connection. This device shall remain in place until the inspection of the now isolated pipe segment can be completed. If bypass pumping is required, the Contractor shall provide all necessary equipment, manpower, and expertise. The Contractor will take special care not to surcharge manholes, lateral services, or other pipes or connections upstream of the pipe plug during this period.
 - c) Work the cleaning nozzle or tool in tandem with the camera. In this instance, the nozzle will “wick” or draw down the water level in the pipe or sag to allow the camera to pass and make a proper inspection of the footage involved in the sag. Care should be taken by the camera operator and jetter operator to maintain a proper interval

between the cleaning tool and the camera. This proper interval will prevent a "back splash" of water or debris on the trailing camera that might otherwise degrade the quality of the video.

3.03 QUALITY CONTROL

- A. NASSCO Specifications – All video inspection performed, and reports subsequently generated, under this contract shall be per the specifications and requirements of NASSCO's PACP® program.
- B. Review by the Contractor - The video recordings, photographs, and data shall be reviewed by the Contractor for focus, lighting, clarity of view, and technical quality.
- C. Blocked or Distorted Video - Videos recorded while a camera has flipped over in the process of traveling or the viewing of laterals, obstructions, or defects are blocked by cables, skids, or other equipment will not be accepted. Shape, focus, proper lighting, and clear, distortion-free viewing during the camera operations shall be maintained. Failure to maintain these conditions will result in the rejection of the video by the Owner.
- D. Non-Compliance to Specifications - Any work related to this cleaning and inspection project where recording quality, inspection, and/or reporting are not in accordance with these Technical Specifications shall be brought into compliance at the Contractor's expense.

PART FOUR DELIVERABLES

4.01 ACCEPTANCE

- A. Defective Work – Within sixty (60) days of the final delivery of written and video reports, the Owner will notify the Contractor of any defective work. Defective work (if any) will be corrected by the Contractor within sixty (60) days of receipt of this written notification. These corrections will be made to the satisfaction of the Owner.

4.02 DELIVERABLES

- A. Video Files - As part of the final submittal on this project, the Contractor shall submit two copies all video recordings and database information (in approved PACP format), on external hard drives (as dictated by the size and quantity of the files submitted). The submittal shall include the power cord and USB connection cable. The external hard drive shall become the property of the Owner.
- B. Written Reports – As part of the final submittal on this project, the Contractor shall provide two copies of a bound written report in the approved PACP format. This report shall include a cover page with the name of the project, scope of the project, and date of submission; an index page with listing of line segment reports; a complete set of line segment reports.

- C. Uploading Information to City GIS Database: Contractor will be given necessary access and will be required to upload televising reports to the City's Diamond GIS Software / Database.
- D. Incidental Costs – All reports, hard drives, printing, copying, software, and other costs associated with developing and rendering these deliverables to the Owner shall be considered incidental to the project.

END OF SECTION

QUOTE FORM

**2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN**

PROJECT AREA NO. 1					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Sewer Cleaning (8"-21" Pipe)	LF	42,874		
4	Clean Lift Station	EA	12		
5	Removal of Roots	EA	10		
6	Removal of Protruding Taps	EA	5		
7	Bypass Pumping	EA	1		
TOTAL BID - PROJECT AREA NO. 1					\$54,418.52

↙

See attached quote

[Handwritten Signature]

1-21-25



Price Quote for City of East Grand Forks, Mn

Quote Date: January 21, 2025

CUSTOMER: City of East Grand Forks, MN

PROJECT: 2025 Sanitary Sewer Cleaning/Televising - Project Area 1

PLEASE MARK DESIRED LEVEL AND DURATION OF SERVICE

<input type="checkbox"/> Mobilization -	Lump Sum	= \$4,900.00
<input type="checkbox"/> Traffic Control -	Lump Sum	= \$1.00
<input type="checkbox"/> Jetting/Vacuum -	8" – 21" Pipe approx. 42,874 ft. @ \$0.98/ft.	= \$42,016.52
<input type="checkbox"/> Clean Lift Station -	12 lift stations @\$500/each	= \$6,000.00
<input type="checkbox"/> Removal of Roots -	10 Root balls @ \$100.00/each	= \$1,000.00
<input type="checkbox"/> Removal Protruding Taps -	5 taps @ \$100/each	= \$500.00
<input type="checkbox"/> Bypass Pumping -	1 Bypass Pumping @ \$1.00/each	= \$1.00
<input type="checkbox"/> Emergency Calls -	See details below	= \$TBD <i>(no charge on multi-year plan)</i>

Duration: 2025 2025 thru 2029 2025 thru _____ (specify)

Deliverables & Specifications: In connection with its work on the Project, JLL will satisfy performance standards and produce deliverables as follows:

- NASSCO PACP, LACP, & MACP Certified camera operator;
- Clean and Televis in accordance with NASSCO standards;
- Cleaning and Televising reports (color with still pictures);
- Televising video (your choice of DVD, VHS, or USB flash drive format); and
- GPS mapping of Sanitary mainlines only and emergency call service at no additional cost under multi-year maintenance program.

THIS PRICE QUOTE COVERS ONLY THE SERVICES AND SPECIFICATIONS LISTED ABOVE, AND IS GOOD FOR 30 CALENDAR DAYS FROM THE QUOTE DATE.

Additional Fees & Modifications: The fees and/or services listed below are not included in the above Price Quotes. Consequently, if you add these fees and/or services to the Project your total costs will increase. In the alternative, you can request to modify your service plan in order to manage expenses (e.g., reduce pipe footage in response to increased price-per-foot).

- Add additional lines at same segment price per foot quoted above;
- Root cutting, tap cutting, deposit reaming, and lift station cleaning charged additional \$425/hr. with 1 hour minimum;
- LETS (lateral evaluation television system) camera to launch from mainline into the service lateral up to 150 feet;
- Pipe sizes over 21" charged additional \$0.05/ft. per pipe size increase (added to unit prices for pipe under 21" quoted above);
- After 3 full jetting passes, "heavy cleaning" will be charged (up to 3 more passes) at same unit price per foot quoted above (until complete or directed by Customer).
- Downtime: If JLL provides any of the services listed in the "Customer Obligations" section, below, you will be charged a rate of \$500/hr. (per crew) until regular contract work can be resumed.
- Emergency Rates: If you are on a multi-year maintenance program, then emergency calls are charged at contracted mobilization and unit rates as specified in this Price Quote. If you are not on a multi-year maintenance program and if work needs to be done within 36-hours of a request, you will be charged a flat rate of \$500 plus \$500/hr. (per crew) from the time the crew is deployed from its then current location until the requested emergency work is completed.
- If the cost of fuel exceeds \$3.50/gallon, a fuel surcharge will be added to the fee for Mobilization.

Customer Obligations: Customer (and your designated contractor(s), where applicable) is obligated to perform as outlined below. Failure to satisfy these obligations will increase the total cost of the Project, and in some cases may prevent JLL from performing contracted services. If JLL performs any of these obligations on your behalf, we are entitled to reimbursement for all costs incurred, as well as fees charged at the hourly rate as specified in the prior section under "Downtime."

- Provide solid access, locate, and expose manholes in specified Project work areas;
- Provide water, dump site, and sewer bypass pumping, if necessary; and
- Provide/secure bonds, if needed.

Cell. 320.290.5764 Office. 320.965.2374 Fax. 320.965.2309
 7505 County Road 103 SW | Kensington, MN 56343
 www.JohnsonJet-Line.com

GENERAL TERMS & CONDITIONS

1. Fees & Payment Terms.

- (a) Regular Contracted Services: Services performed will be billed according to the terms listed in this Price Quote, and invoiced within 30-days of performance. You agree to issue payment within 45-days of the invoice date.
- (b) Emergency Service: Unless otherwise agreed, you will be invoiced immediately upon completion of any emergency services, and you agree to pay the invoiced amount within 10-days of the emergency service invoice date.
- (c) JLL will be entitled to payment for any services actually performed that are not included in this Price Quote, and reimbursement for any actual expense/cost paid on your behalf, pursuant to the terms provided above.
- (d) You acknowledge and agree that payment constitutes your expressed approval and acceptance of all work and services as performed by JLL.
- (e) Overdue Invoices & Attorney’s Fees: If any invoiced amount is not received by JLL by the applicable due date, then without limiting JLL’s rights or remedies, (i) those charges may accrue late interest at the rate of 1.5% of the outstanding balance per month, or the maximum rate permitted by law, whichever is lower, and/or (ii) JLL may condition the performance of any remaining services under this Price Quote on payment terms shorter than those specified in Section 1(a) and 1(b), above. Customer further agrees to reimburse JLL for any reasonable legal, collection, and/or attorney’s fees incurred to effect settlement and payment of any past due amounts.

2. Duration, Renewal & Termination.

- (a) This Project will commence upon execution of this Price Quote by both parties and last for the duration specified above. JLL, in consultation with you, will determine the schedule for performing services for the duration of the Project, including the date of final service. JLL will notify you when the date of final service has been determined.
- (c) This Project Agreement will not renew automatically. The parties must enter a new agreement at the conclusion of this Project if they desire to continue service. Scope, pricing, and all other aspects of service will be negotiated at that time.
- (d) The term of this Project may be extended or terminated prior to the date of final service upon the mutual agreement of the parties. If terminated prior to the date of final service, JLL shall be entitled to compensation for any services performed and expenses incurred up to the date of termination.

3. Independent Contractor. The relationship between JLL and Customer is that of independent contractor. JLL is not an employee of the Contractor. It is JLL’s responsibility to withhold all federal, state, or local income taxes, social security taxes, unemployment, and other payroll taxes required by law for services rendered under this Project Agreement.

4. Confidentiality. Any information, documents, materials, machines, processes, or other aspects of JLL’s work on the Project is considered to be proprietary and confidential, and you agree not to disclose or use it for your own benefit or for the benefit of any third-party without first receiving written consent from JLL.

5. Acceptance & Effectiveness. By signing below, you accept the terms and conditions of this document in its entirety. Any addendums or additions shall be made in writing and signed by both parties. If the parties subsequently enter into any contract, agreement, etc., then it will be considered to constitute acceptance of this Price Quote irrespective of any provision therein to the contrary. Furthermore, this Price Quote shall be incorporated by reference and made a fully enforceable part of that contract, agreement, etc. Unless otherwise agreed to by the parties, any and all inconsistencies between this document and a subsequently entered contract, agreement, etc. will be resolved in favor of this document.

6. Failure to Exercise or Enforce. Except as provided under Section 1(d), above, the failure of either party to enforce or exercise their rights shall not be construed to be a waiver of such right and/or the right to insist upon strict compliance with the obligations or the terms herein.

7. Severability. The terms of this Price Quote are severable, and if any term or provision is declared by a court of competent jurisdiction to be illegal, the remainder of the provisions shall continue to be valid and fully enforceable.

8. Choice of Law, Forum Selection & Costs; NASSCO Guidelines. This Agreement shall be construed and interpreted according to the substantive law of Minnesota, excluding the law of conflicts. Any action brought to enforce the terms and conditions provided herein, or for the breach thereof, shall be brought and tried in Minnesota. To the extent permitted by law, the losing party in any lawsuit, arbitration proceeding, etc. between Customer and JJ-L (and properly adjoined third-parties) shall pay the reasonable legal fees and costs of the prevailing party. The guidelines published by the National Association of Sewer Service Companies (NASSCO) ([available here](#)), as updated from time to time, shall be the primary authority for defining industry terms, establishing standards of performance, and for addressing all other industry-specific questions or matters.

9. Force Majeure. The parties shall not be held responsible or liable for any loss, damage, or delay in the performance of the Project due to strikes, walkouts, acts of God, governmental restrictions, enemy action, civil commotion, public health crises or stay-at-home or shelter-in-place orders, unavoidable casualty, or other causes similar or dissimilar that are beyond their control.

This Price Quote is JLL’s best attempt to summarize the scope and estimate the cost of your project. By signing below, you represent that you have read the Price Quote in its entirety (including the “General Terms & Conditions” listed above), that you understand all its terms, that we have accurately described the services to be performed, and that you agree to pay the rates quoted for those services. You promise to honor the terms and to perform in the manner specified throughout this document, and you acknowledge that both of us intend for this document to govern the relationship between us as it relates to the Project. ACCORDINGLY, we both promise to take all necessary steps to incorporate this Price Quote, in its entirety, into any contract, agreement, etc. that we may enter in the future in connection with this Project (irrespective of any provisions to the contrary).

Please sign below and submit by fax (320-965-2309) or e-mail (chase@johnsonjet-line.com) within 30 days of the date at the top of page one.

PRINT NAME: _____ TITLE: _____

SIGNATURE: _____ DATE: _____

I AM AUTHORIZED TO EXECUTE THIS DOCUMENT AND TO ACT ON BEHALF OF THE CUSTOMER NAMED HEREIN..

QUOTE FORM

2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN

PROJECT AREA NO. 2					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization	LS	1		
2	Traffic Control	LS	1		
3	Sewer Cleaning (8"-21" Pipe)	LF	37,380		
4	Sewer Televising	LF	1,000		
5	Sewer Lead Televising	LF	1,000		
6	Removal of Roots	EA	5		
7	Bypass Pumping	EA	1		
TOTAL BID - PROJECT AREA NO. 2					\$49,534.40

see attached quote

 - president

1-21-25



Price Quote for City of East Grand Forks, Mn

Quote Date: January 21, 2025

CUSTOMER: City of East Grand Forks, MN

PROJECT: 2025 Sanitary Sewer Cleaning/Televising - Project Area 2

PLEASE MARK DESIRED LEVEL AND DURATION OF SERVICE

<input type="checkbox"/> Mobilization -	Lump Sum	= \$4,900.00
<input type="checkbox"/> Traffic Control -	Lump Sum	= \$1.00
<input type="checkbox"/> Jetting/Vacuum -	8" – 21" Pipe approx. 37,380 ft. @ \$0.98/ft.	= \$36,632.40
<input type="checkbox"/> Televise (mainline) -	8" – 21" Pipe approx. 1,000 ft. @ \$2.50/ft.	= \$2,500.00
<input type="checkbox"/> Televise (Leads) -	4" to 8" Pipe approx. 1,000 ft. @ \$5.00/ft.	= \$5,000.00
<input type="checkbox"/> Removal of Roots -	5 Root balls @ \$100.00/each	= \$500.00
<input type="checkbox"/> Bypass Pumping -	Lump Sum Each	= \$1.00
<input type="checkbox"/> Emergency Calls -	See details below	= \$TBD <i>(no charge on multi-year plan)</i>

Duration: 2025 2025 thru 2029 2025 thru _____ (specify)

Deliverables & Specifications: In connection with its work on the Project, JLL will satisfy performance standards and produce deliverables as follows:

- NASSCO PACP, LACP, & MACP Certified camera operator;
- Clean and Televise in accordance with NASSCO standards;
- Cleaning and Televising reports (color with still pictures);
- Televising video (your choice of DVD, VHS, or USB flash drive format); and
- GPS mapping of Sanitary mainlines only and emergency call service at no additional cost under multi-year maintenance program.

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- Downtime: If JLL provides any of the services listed in the "Customer Obligations" section, below, you will be charged a rate of \$500/hr. (per crew) until regular contract work can be resumed.
- Emergency Rates: If you are on a multi-year maintenance program, then emergency calls are charged at contracted mobilization and unit rates as specified in this Price Quote. If you are not on a multi-year maintenance program and if work needs to be done within 36-hours of a request, you will be charged a flat rate of \$500 plus \$500/hr. (per crew) from the time the crew is deployed from its then current location until the requested emergency work is completed.
- If the cost of fuel exceeds \$3.50/gallon, a fuel surcharge will be added to the fee for Mobilization.

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- Provide solid access, locate, and expose manholes in specified Project work areas;
- Provide water, dump site, and sewer bypass pumping, if necessary; and
- Provide/secure bonds, if needed.

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- (c) JLL will be entitled to payment for any services actually performed that are not included in this Price Quote, and reimbursement for any actual expense/cost paid on your behalf, pursuant to the terms provided above.
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- (c) This Project Agreement will not renew automatically. The parties must enter a new agreement at the conclusion of this Project if they desire to continue service. Scope, pricing, and all other aspects of service will be negotiated at that time.
- (d) The term of this Project may be extended or terminated prior to the date of final service upon the mutual agreement of the parties. If terminated prior to the date of final service, JLL shall be entitled to compensation for any services performed and expenses incurred up to the date of termination.

3. Independent Contractor. The relationship between JLL and Customer is that of independent contractor. JLL is not an employee of the Contractor. It is JLL’s responsibility to withhold all federal, state, or local income taxes, social security taxes, unemployment, and other payroll taxes required by law for services rendered under this Project Agreement.

4. Confidentiality. Any information, documents, materials, machines, processes, or other aspects of JLL’s work on the Project is considered to be proprietary and confidential, and you agree not to disclose or use it for your own benefit or for the benefit of any third-party without first receiving written consent from JLL.

5. Acceptance & Effectiveness. By signing below, you accept the terms and conditions of this document in its entirety. Any addendums or additions shall be made in writing and signed by both parties. If the parties subsequently enter into any contract, agreement, etc., then it will be considered to constitute acceptance of this Price Quote irrespective of any provision therein to the contrary. Furthermore, this Price Quote shall be incorporated by reference and made a fully enforceable part of that contract, agreement, etc. Unless otherwise agreed to by the parties, any and all inconsistencies between this document and a subsequently entered contract, agreement, etc. will be resolved in favor of this document.

6. Failure to Exercise or Enforce. Except as provided under Section 1(d), above, the failure of either party to enforce or exercise their rights shall not be construed to be a waiver of such right and/or the right to insist upon strict compliance with the obligations or the terms herein.

7. Severability. The terms of this Price Quote are severable, and if any term or provision is declared by a court of competent jurisdiction to be illegal, the remainder of the provisions shall continue to be valid and fully enforceable.

8. Choice of Law, Forum Selection & Costs; NASSCO Guidelines. This Agreement shall be construed and interpreted according to the substantive law of Minnesota, excluding the law of conflicts. Any action brought to enforce the terms and conditions provided herein, or for the breach thereof, shall be brought and tried in Minnesota. To the extent permitted by law, the losing party in any lawsuit, arbitration proceeding, etc. between Customer and JJ-L (and properly adjoined third-parties) shall pay the reasonable legal fees and costs of the prevailing party. The guidelines published by the National Association of Sewer Service Companies (NASSCO) ([available here](#)), as updated from time to time, shall be the primary authority for defining industry terms, establishing standards of performance, and for addressing all other industry-specific questions or matters.

9. Force Majeure. The parties shall not be held responsible or liable for any loss, damage, or delay in the performance of the Project due to strikes, walkouts, acts of God, governmental restrictions, enemy action, civil commotion, public health crises or stay-at-home or shelter-in-place orders, unavoidable casualty, or other causes similar or dissimilar that are beyond their control.

This Price Quote is JLL’s best attempt to summarize the scope and estimate the cost of your project. By signing below, you represent that you have read the Price Quote in its entirety (including the “General Terms & Conditions” listed above), that you understand all its terms, that we have accurately described the services to be performed, and that you agree to pay the rates quoted for those services. You promise to honor the terms and to perform in the manner specified throughout this document, and you acknowledge that both of us intend for this document to govern the relationship between us as it relates to the Project. ACCORDINGLY, we both promise to take all necessary steps to incorporate this Price Quote, in its entirety, into any contract, agreement, etc. that we may enter in the future in connection with this Project (irrespective of any provisions to the contrary).

Please sign below and submit by fax (320-965-2309) or e-mail (chase@johnsonjet-line.com) within 30 days of the date at the top of page one.

PRINT NAME: _____ TITLE: _____

SIGNATURE: _____ DATE: _____

I AM AUTHORIZED TO EXECUTE THIS DOCUMENT AND TO ACT ON BEHALF OF THE CUSTOMER NAMED HEREIN..

QUOTE FORM

**2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN**

ADD ALTERNATE					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Sewer Televising	LF	5,310	\$1.50	\$7,965.00
TOTAL BID - ADD ALTERNATE					\$111,917.92

The City of East Grand Forks reserves the right of award either Project Area 1, Project Area 1 & 2 or Project Area 1, 2 & Add Alternate

Proposal for:
2025 Sanitary Sewer Cleaning/TV -East Grand Forks ND
 from
Pipe Detectives Inc
 2505 17th St SE, PO Box 1197, Jamestown, ND 58401
 (701) 952-5544 Fax: (701) 252-1809



Bid Date: 1/23/2025
 Time: 10:00AM

Quote Number: 25-0065

Project No. MN

Item	Description	Quantity	Unit	Unit Price	Total Price
AREA NO 1 Area No 1					
01	Mobilization	1.00	LS	2,999.00	2,999.00
02	Traffic Control	1.00	LS	1.00	1.00
03	Sewer Cleaning (8"-21" Pipe)	42,874.00	LF	1.00	42,874.00
04	Clean Lift Station	12.00	EA	500.00	6,000.00
05	Remove Roots	10.00	EA	200.00	2,000.00
06	Removal Of Protruding Taps	5.00	LF	250.00	1,250.00
07	Bypass Pumping	1.00	EA	1.00	1.00
				Total:	<u>55,125.00</u>
 AREA NO 2 Area No 2					
01	Mobilization	1.00	LS	2,999.00	2,999.00
02	Traffic Control	1.00	LS	1.00	1.00
03	Sewer Cleaning (8"-21" Pipe)	37,380.00	LF	1.00	37,380.00
04	Sewer Televising	1,000.00	LF	1.10	1,100.00
05	Sewer Lead Televising	1,000.00	LF	8.00	8,000.00
06	Remove Roots	5.00	EA	200.00	1,000.00
07	Bypass Pumping	1.00	EA	1.00	1.00
				Total:	<u>50,481.00</u>
 ALT 2 East Grand Forks					
01	Sewer Televising	5,310.00	LF	1.10	5,841.00
				Total:	<u>5,841.00</u>
Total For Area No 1					55,125.00
Total For Area No 2					50,481.00
Total For East Grand Forks					5,841.00
Total:					<u>111,447.00</u>

√ = Locked Bid-Item
 ! = Zero Total Price

Proposal for:
2025 Sanitary Sewer Cleaning/TV -East Grand Forks ND
 from
Pipe Detectives Inc
 2505 17th St SE, PO Box 1197, Jamestown, ND 58401
 (701) 952-5544 Fax: (701) 252-1809



Bid Date: 1/23/2025
 Time: 10:00AM

Quote Number: 25-0065

Project No. MN

Item	Description	Quantity	Unit	Unit Price	Total Price
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NOTE: THIS PROPOSAL IS SUBJECT TO REVISION, BASED ON FINAL APPROVED PLANS AND SPECIFICATIONS.

Cleaning includes general pipe maintenance (cleaning up to 3 pulls with Jet/Vac). Any excessive deposits, roots and debris requiring heavy cleaning (4+ pulls) will be "billed at a rate of \$400/hr. The City is responsible for any required permits and/or notifications to assure manhole accessibility.

In addition; any dewatering or damming, traffic control (other than localized cones and strobe lighting) and maintaining clean, continuous water supply for operations is borne by the City.

Prevailing wage are not included in this bid. See the following pages for additional notes. If Bond is required add an additional 1% of total bid.

NO RETAINAGE WILL BE WITHHELD, unless bid exceeds \$10,000. Retainage not to exceed 5% and released upon their final approval unless job specifications state differently.

Quote good for 30 days.

ALL WORK TO BE COMPLETED IN A WORKMANLIKE MANNER ACCORDING TO STANDARD PRACTICES.

Any alteration or deviation from above specifications and attached conditions involving extra cost will be executed only upon written orders, and will become an extra charge over and above this estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado, and other necessary insurance. Our workers are fully covered by workers compensation insurance.

The signature below indicates agreement to and acceptance of the Pricing, Terms, and Conditions listed in this

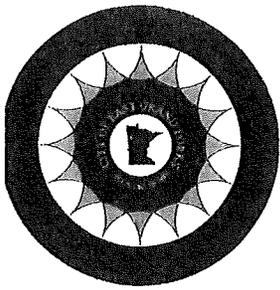
Agreement and Pipe Detectives is authorized to proceed.

 Name and Title Date _____

SUBMITTED BY: PIPE DETECTIVES
 [Signature] KSM SZCZKOWSKI - JP

√ = Locked Bid-Item
 ! = Zero Total Price

1/22/2025 3:22 pm
 Run by: Madison Hagan
 Estimator: Colleen Lund



City of East Grand Forks

600 DeMers Ave · P.O. Box 373 · East Grand Forks, MN 56721
218-773-2483 · 218-773-9728 fax www.eastgrandforks.net

rcwl 1/9/25

January 6, 2025

Chase Johnson
Johnson Jet-Line
16275 State Hwy 27 W
Kensington, MN 56343

Lance Edwards
Jet-Way Multiple Services, Inc
PO Box 131
Harwood, ND 58042

Colleen Lund
Pipe Detectives
18695 270th St.
Elbow Lake, Mn 56531

Ricky Fredrickson
Veit & Company
15429 Comet Road NW
Bemidji, Mn 56601

RE: Request for Quotes
2025 Sanitary Sewer Televising / Cleaning
East Grand Forks, MN

Dear Contractors:

The City of East Grand Forks Public Works Department is requesting Quotes for the above referenced project. Quotes will be received until **10:00 A.M. January 23, 2025** in the Administration Office, East Grand Forks City Hall located at 600 Demers Ave.

Included for your use in preparing your bid are the following items:

1. Project Area Map
2. Specifications: **Section 33 0130.11 – Sewer Cleaning and CCTV Inspection**
3. Bid Forms

If you have any questions, please feel free to give me a call at 218-791-8190 or I can be reached by e-mail at dnelson@egf.mn

Respectfully,
City of East Grand Forks Public Works Department

Dillon Nelson, Stormwater / Wastewater Operator

SECTION 33 0130.11

SEWER CLEANING AND CCTV INSPECTION

PART 1 GENERAL

1.01 SUMMARY

- A. Sewer Cleaning – The intent of this work is to obtain competitive unit prices for all labor, tools, materials, and equipment necessary to clean and inspect via closed circuit television (CCTV) existing sanitary sewer ranging in size from 8 to 21 inch in diameter. The work shall include hydraulic jetter nozzle or robotic root cutting and cleaning and grinding of protruding service connections if required. This/these cleaning processes are intended as preparatory steps and a precursor to a thorough closed circuit television (CCTV) inspection of the lines and facilities included in this project area.
- B. CCTV Inspection – The intent of this work is to obtain competitive unit prices for all labor, tools, materials and equipment necessary to inspect and document the condition of the existing sanitary sewer system via closed circuit television (CCTV) within the project Area.
- C. Lift Station Cleaning – The intent of this work is to obtain competitive unit prices for all labor, tools, materials and equipment necessary to clean lift stations upon completion of sewer cleaning.

1.02 SCOPE OF WORK

- A. Sewer Cleaning – The intent of sewer line cleaning is to remove foreign materials and debris from the mainline sewers. This cleaning is also intended to restore the sewer to a minimum of ninety-five percent (95%) of its original carrying capacity.
- B. CCTV Inspection – After cleaning and removal of debris, the pipe sections between manholes or other structures shall be inspected by means of CCTV equipment. Each pipeline segment shall have its own designated video file and printed segment report. All CCTV inspections and resulting video, audio, and written reports shall be compiled, coded, and formatted in compliance with the National Association of Sewer Service Companies' (NASSCO) Pipeline Assessment and Certification Program (PACP®).
- C. Lift Station Cleaning: Upon completion of sewer cleaning the following Lift Stations shall cleaned by vacuuming out the wet well and or vacuuming out the debris acquired and accumulated in the bar screens.
 - a. Lift Station No. 1, 4 & 5 Cleaning shall include Wet Well and Bar Screen Area
 - b. Lift Station No. 2, 3, 6, 7, 8, 10, 13, 14 & 16: Wet Well Cleaning Only.
- D. Schedule of Work Hours – The Contractor shall work during the hours of 7:00 AM to 9:00 PM Monday through Friday. If there is a need for after-hours work or Saturday work, prior consent shall be obtained from the Owner.

- E. Traffic Control – The Contractor shall be solely responsible for all signage, flagging, cones, personnel and any other item or personnel required for traffic control. All traffic control signs, barricades, cones, etc. shall comply with the latest edition of the Minnesota Manual of Uniform Traffic Control Devices (MMUTCD) All costs for traffic control shall be incidental to the project.

1.03 REFERENCES

- A. National Association of Sewer Service Companies (NASSCO), *Jetter Code of Practice*.
- B. National Association of Sewer Service Companies (NASSCO), *Manhole Assessment & Certification program*.
- C. National Association of Sewer Service Companies (NASSCO) prepared, *Pipe Line Assessment and Certification Program (PACP), TV inspection form and sewer condition codes*.

1.04 SUBMITTALS

- A. Safety Plan –The Contractor shall provide a safety plan and identify designated safety supervisory personnel to the Owner. The plan shall include confined space entry provisions and training, listing of personal protective equipment, and a traffic control plan
- B. CCTV Technician PACP Certification – The Contractor shall provide PACP certification documentation for all technicians on the project.

1.05 PROJECT SCHEDULE

- A. All work shall be completed between: June 2, 2025 – September 30, 2025.

1.06 MEASUREMENT AND PAYMENT

- A. **Traffic Control:** By the Lump Sum – Shall be compensation in full for all labor, tools, materials, and equipment necessary to furnish, install and maintain traffic control.
- B. **Sewer Cleaning:** By the Linear Foot of sewer cleaning measured from center of manhole to center of manhole – Shall be compensation in full for all labor tools, materials, and equipment necessary to clean sanitary sewer system in conformance with specifications and disposal of sanitary debris.
- C. **Sewer Televising:** By the Linear Foot of sewer televising measured from center of manhole to center of manhole- Shall be compensation in full for all labor, tools, materials, and equipment necessary to televise the sanitary sewer system and provide all necessary documentation and deliverables.
- D. **Sewer Lead Televising:** By the Linear Foot of sewer televising measured from center of Sewer Main to termination point within individual sewer service as directed by City Staff. - Shall be compensation in full for all labor, tools, materials, and equipment

necessary to televise the sanitary sewer service and provide all necessary documentation and deliverables.

- E. **Clean Lift Station:** By the Each. Shall be compensation in full for all labor, tools, materials, and equipment necessary to clean lift stations and properly dispose of all debris.
- F. **Remove Protruding Taps (If required):** By the Each. Shall be compensation in full for all labor, tools, materials, and equipment necessary to remove protruding taps including removal and proper disposal of removed piping.
- G. **Removal of Roots (If required):** By the Each. Shall be compensation in full for all labor, tools, materials, and equipment necessary to remove roots utilizing Hydraulic Jetter nozzle or robotic cutter, including proper disposal. Chain style cutters will not be allowed.
- H. **Bypass Pumping (If required):** By the Each. Shall be compensation in full for all labor tools, materials and equipment necessary to bypass Sanitary Sewer flow around work if required.

PART 2 EQUIPMENT

2.01 SEWER CLEANING EQUIPMENT

- I. **Cleaning Equipment –** Line cleaning for this work shall be accomplished using equipment suitable to the task. Equipment shall include an assortment of hydraulic nozzles and or robotic root saws and other ancillary equipment necessary to accomplish the cleaning portion of the work. Use of chain style cleaners will not be allowed.

2.02 CCTV EQUIPMENT

- A. **Type of Equipment -** The CCTV cameras used for inspection shall be specifically designed and constructed for such inspection. The cameras shall be operative in one hundred percent (100%) humidity conditions and capable of withstanding exposure to concentrations of pollutants typically found in municipal sewage.
- B. **Camera View -** The view seen by the camera shall be transmitted to a monitor of greater than or equal to (\geq) fifteen inches (15") diagonal dimension.
- C. **Camera Movement -** Camera systems shall be able to navigate minor objects, roots, and debris. The system used to move the camera through the pipe shall not obstruct the camera's view or interfere with proper documentation of the sewer conditions. The camera shall be capable of traversing the sewer line for a distance of at least one thousand feet (1,000'). The camera shall have sufficient clearance to allow for the assembly to pass through sewer lines of nominal diameter six inches (6") and larger.
- D. **Camera Accessories -** The Contractor shall provide ancillary wheels, crawlers, tracks, or other adjustment plates, skids, arms, axles, etc. as may be necessary or dictated by flow conditions, pipe diameter, etc. These accessories shall be utilized to stabilize the camera in the pipeline, provide adequate propulsion in the pipeline for the camera,

and/or to raise the camera above flow to provide a quality picture during CCTV inspection.

- E. Camera Features – Cameras shall record all images in color. Cameras shall have pan, tilt and zoom capabilities, and shall have a minimum of three hundred sixty degrees by one hundred eighty degrees (360° x 180°) rotation capability and or digital side scanning camera (panoramic). Illumination sensitivity shall be three (3) lux or less and provide a minimum of 460 lines of resolution. The focal distance shall be adjustable through range from one inch (1”) to infinity. There shall be no geometric distortion of the image.
- F. Supplemental Lighting and Lighting Adjustments - Cameras shall also be provided with ancillary or supplemental lighting packs or units to provide sufficient light and illumination in larger diameter conduits or conduits where additional lighting may be necessary (e.g. HDPE pipe). Lighting intensity shall be adjustable to minimize glare. Lighting and picture quality shall be adjustable to provide a clear picture of the entire periphery of the pipeline for all conditions encountered.
- G. Measurement of Distance - The distances traveled by the camera shall be measurable to one tenth of a foot (.1') by an onboard measuring device and shall provide video display readout of said distances in units of one tenth of a foot (.1'). The cable footage counter shall be accurate to plus or minus (+/-) one foot (1') per one hundred feet (100').

PART 3 EXECUTION

3.01 SEWER CLEANING

- A. Operating Flows and Pressures –The Contractor shall take particular care to avoid causing blockages, debris dams, or overcharging of pipe with excess water flow that may cause backups into residences or business entities connected to the sewer lines. The Contractor shall also be cognizant of the type, material, and condition of the pipe conduits being cleaned and use such wall force as necessary to clean the pipe. The Contractor shall take care not to cause further damage to existing sewer lines or sewer manholes during the cleaning process. Any damage to existing sewer lines or manholes caused by the Contractor's actions shall be brought to the immediate attention of the Owner.
- B. Capabilities - Cleaning equipment shall be capable of removing dirt, grease, sediment, rocks, sand, bricks, pieces of broken pipe, and other materials and obstructions from the sewer lines and manholes.
- C. Protection of Public and Private Property – During sewer cleaning operations, precautions shall be taken to prevent damage to public or private property. Any cleanup and associated costs caused by the Contractor's actions shall be the Contractor's responsibility to remedy.
- D. Water Supply for Jetting and Cleaning – Water required for jetting and cleaning shall be furnished by the East Grand Forks Water and Light Department by providing a connection to a municipal fire hydrant furnished with a meter and backflow preventer adjacent to the project area.

E. Pipe Cleaning – High velocity pipe cleaning shall begin at the downstream manhole of a pipe segment and proceed upstream to the next inline manhole. The jetter hose and affixed tool (nozzle, root saw, etc.), shall proceed against the flow (i.e. upstream) to the next structure in line (i.e. the upstream manhole) if possible. The Contractor shall dewater and remove all sludge, dirt, sand, rocks, grease, and other solid or semisolid material and debris resulting from the cleaning operations from the downstream manhole of the sewer segment being cleaned. Passing material from sewer segment to sewer segment (without the debris being ultimately removed from the pipeline) shall not be permitted.

F. Removal of Roots – Roots shall be removed from the sewer line:

1. All roots shall be removed (with the exception of “fine roots” as defined in PACP) to within one inch (1”) of the pipe wall.
2. Roots shall only be removed utilizing hydraulic jetter nozzle or a robotic cutter proceeding from the downstream manhole or access point to the root mass. No “reverse cutting” from the upstream manhole or access point will be permitted.
3. All lines that require root cutting will be inspected after root cutting is completed. Televising may be stopped and root cutting executed while the video recording is paused.
4. Care shall be taken during root removal to prevent damage to the host pipe. If, in the Contractor’s opinion, removing roots by mechanical means would cause damage to the pipe, create further blockages, cause a loss of or damage to the Contractor’s equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.

G. Removal of Mineral or Attached Deposits – Mineral or other attached deposits (MOAD) shall be removed:

1. All MOAD shall be removed to within ninety-five percent (95%) or the pipe diameter.
2. MOAD shall only be removed by mechanical devices proceeding from the downstream manhole or access point to the MOAD. No “reverse cutting” from the upstream manhole or access point will be permitted.
3. All lines that require MOAD cutting will be inspected after removal of MOAD is completed.
4. Removal of hardened deposits such as concrete, mortar, or other cementitious type material found attached in the pipeline is beyond the scope of this project. Such material shall be documented and coded during the CCTV inspection as “Other Deposits” using the PACP modifier “DAZ”.
5. Care shall be taken during removal of MOAD to prevent damage to the host pipe. If, in the Contractor’s opinion, removing deposits by mechanical means would cause damage to the pipe, create further blockages, cause a loss of or damage

to the Contractor's equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.

H. Removal of Protruding Taps – Protruding service taps shall be removed from the sewer:

1. All Taps shall be removed to within one half inch (0.5") of the pipe wall.
2. Protruding taps will only be removed by the mechanical device proceeding from the downstream manhole or access point to the tap. No "reverse cutting" from the upstream manhole or access point will be permitted.
3. It should be noted that removing protruding taps constructed of polyvinyl chloride (PVC) may result in cracking or other damage to the lateral pipe upstream of the mainline connection. If cracking or other damage should occur, the contractor will not be responsible for repairing this damage, replacing or relaying the lateral, etc.
4. All lines that require tap cutting will be inspected after tap cutting is completed. Televising may be stopped and tap cutting executed while the video recording is paused.
5. If it is determined that a protruding tap should be removed by mechanical devices referenced above, said tap will be removed and shall be incidental to the project.
6. Care shall be taken during removal of protruding taps to prevent damage to the host pipe. If, in the Contractor's opinion, removing protruding taps by mechanical means would cause damage to the main pipeline or connecting service lateral, create further blockages, cause a loss of or damage to the Contractor's equipment, require a pipe dig up, etc., the Contractor shall notify the Owner immediately.

I. Disposal of Sanitary Debris: Contractor shall dispose of all Sanitary Debris (Slurry) generated during cleaning operations at the Grand Forks Wastewater Treatment Facility. If the Debris has been dewatered and consists of mainly solids then those materials shall be disposed of at the Grand Forks Landfill. Contractor will be required to obtain a waste hauler permit from the City of Grand Forks with a Permit Fee of \$100.00.

J. General Cleanup of Work Area – The Contractor shall keep the work area(s) clear of trash, debris, and other work related refuse that may result from its normal day-to-day operations. This shall include returning worksites to their original condition prior to cleaning or CCTV processes, normal wear and tear excepted.

K. Other Responsibilities of the Contractor – The following circumstances shall constitute "other responsibilities" of the Contractor, including:

1. Contractor Related Overflow – In the event the Contractor causes, observes, or otherwise discovers an overflow, surcharged manhole, interruption of sewer service, or backup, the Contractor shall immediately notify the Owner.

2. Damage to or Disruption of Other Utilities – In the course of normal cleaning or CCTV operations, should other utilities be damaged or otherwise disrupted (e.g. gas lines, water lines, cable TV, communications cable), the Contractor shall immediately notify the Owner and the Engineer; and
3. Accessing Private Property – The Contractor shall not enter private property without the permission of the property owner. The Owner shall secure access to private property or easements prior to the start of the project.

3.02 CCTV INSPECTION

- A. Standards – Video inspection shall be completed per the Pipeline Assessment Certification Program (PACP®) as promulgated by the National Association of Sewer Service Companies (NASSCO).
- B. Certified Technicians – Video inspection shall be completed by technicians who have been certified by NASSCO as PACP compliant and trained. The technician's PACP certification number shall be included in all line segment reports as furnished as part of this project.
- C. Certified Software – All video inspection and subsequent reports shall be compiled using the latest version of a PACP compliant software package as certified by NASSCO.
- D. Video of Line Segments – Each line segment shall be video inspected one at a time. Each segment will have its own video file (with distinct file name) and corresponding line segment report. This shall apply to lines videoed from the upstream manhole moving to the downstream end and to lines being accessed from the downstream manhole or structure during “reverse setups”.
- E. Discovery of Undocumented Structures – When intermediate and undocumented manholes are found, the Contractor shall conclude the video inspection upon reaching the undocumented structure. A video file and printed line segment report shall be generated per usual procedures for this line segment. *It should be noted that the video text overlay that was created at the start of this survey will now be incorrect. This information and display cannot be changed within the video file once a line segment report has begun. The electronic file's name shall be changed to reflect the proper and accurate line segment information.* The report will indicate the location of the intermediate structure (by its footage upstream/downstream from the point of origin of the survey), its type and corresponding PACP code. A new line segment report will then begin at the intermediate and previously undocumented structure (now named, labeled, and documented) and proceed to the next structure indicated on the project maps, or to the next intermediate and undocumented structure, if any.
- F. Locating and Exposing Manholes and Structures – The Owner will locate and expose all manholes or other structures indicated on the project maps prior to the beginning of the project.
- G. Clean Camera Lens – The camera lens shall be kept clear of condensation, back splash, and/or other debris during CCTV inspection. In the event that the lens becomes clouded or fouled to the extent that the quality of the video is reduced, the Contractor shall stop

the recording, clean the lens thoroughly (or replace the camera unit if necessary), and then resume the video of the line segment.

- H. Corresponding Data – Each video clip or file and each digital photograph or file shall correspond to inspection data in the database, and each set of inspection data listed in the database shall be properly linked to the appropriate video file or photo(s).
- I. Video Inspection Parameters – The following information shall constitute the parameters for video inspection for this project:
 - 1. Video Format – The Contractor shall make a continuous color digital recording in Motion Picture Experts Group (MPEG) 1 format.
 - 2. Minimum Resolution – Video files shall have a minimum resolution of six hundred forty by four hundred eighty (640 x 480) pixels and an interlaced frame rate at a minimum of twenty-nine point nine (29.9) frames per second.
 - 3. Rate of Inspection – Video inspection will not exceed a traverse rate of thirty feet (30') per minute.
 - 4. Video Text Overlay – Each pipe segment video shall begin with a video text overlay (displayed for a minimum of five (5) seconds) and completed in accordance with PACP's CCTV inspection form headers and instructions as follows:
 - a) Line 1: Surveyed By
 - b) Line 2: City
 - c) Line 3: Street
 - d) Line 4: Weather
 - e) Line 5: Direction of Survey
 - f) Line 6: Use of sewer
 - g) Line 7: Pipe Material
 - h) Line 8: Pipe Diameter/Height
 - i) Line 9: Start Manhole Number (Utilize City Manhole Numbers)
 - j) Line 10: End Manhole Number (Utilize City Manhole Numbers)
 - k) Line 11: Inspection Time/Date
 - 5. Text Shown During Video – During the CCTV inspection, the video text overlay shall show the following text at all times:
 - a) Start Manhole number
 - b) End manhole number
 - 6. Evaluation of Defects and Observations – During the CCTV inspection, the camera shall stop at all defects, observations, and connections to ensure a clear view of the pipe condition and shall rotate the camera head to evaluate the defect, observation, or connection.
 - 7. Text Overlay of Observation – All defects and observations shall include a video text overlay of the appropriate PACP code/description.

8. Naming of Video Files – The naming of the video file shall consist of the following: “UPSTREAM MANHOLE - DOWNSTREAM MANHOLE” as shown in the following example (plus the appropriate file extension. The naming of all video files shall be consistent throughout the project:

123-124.mpg

J. Additional Inspection Procedures – Other inspection procedures shall include:

1. Pan of Manholes – All manholes shall be panned. This video footage shall occur at the beginning of each pipe segment survey inspection from the bottom of the manhole panning up to the manhole shaft. In the instance when the manhole is the terminating manhole of a survey, then the pan shall occur at the end of the pipe segment survey.
2. Reverse Setups – Obstructions may be encountered during the course of the CCTV inspection that prevents the travel of the camera. In instances when obstructions are not passable, the Contractor shall withdraw the equipment and begin a CCTV inspection from the opposite end of the sewer line, i.e. a reverse setup. If the video inspection is performed from this reverse setup vantage point, then a new video file shall be created and the name and corresponding header shall contain the word “REVERSE” in the upstream manhole name/label. This video file will be in numerical and chronological order immediately following the original video file. If the line only has one adjoining manhole and a reverse setup is not possible, the televising of the line shall be considered complete, the video inspection shall be abandoned, and the Contractor shall be paid for the footage successfully videoed.
3. Excessive Depth of Flow or Sags– If, in the course of the video line inspection, pipe flow is in excess of the acceptable PACP standards, the Contractor shall take one of the following actions before completing the video inspection:
 - a) Perform the video inspection during times of low flow conditions. If these conditions only exist outside the stated work periods of this project, the Contractor shall seek the Owners approval before working during these times, OR
 - b) Insert a pipe plug or other flow reducing or eliminating device at the upstream manhole or connection. This device shall remain in place until the inspection of the now isolated pipe segment can be completed. If bypass pumping is required, the Contractor shall provide all necessary equipment, manpower, and expertise. The Contractor will take special care not to surcharge manholes, lateral services, or other pipes or connections upstream of the pipe plug during this period.
 - c) Work the cleaning nozzle or tool in tandem with the camera. In this instance, the nozzle will “wick” or draw down the water level in the pipe or sag to allow the camera to pass and make a proper inspection of the footage involved in the sag. Care should be taken by the camera operator and jetter operator to maintain a proper interval

between the cleaning tool and the camera. This proper interval will prevent a "back splash" of water or debris on the trailing camera that might otherwise degrade the quality of the video.

3.03 QUALITY CONTROL

- A. NASSCO Specifications – All video inspection performed, and reports subsequently generated, under this contract shall be per the specifications and requirements of NASSCO's PACP® program.
- B. Review by the Contractor - The video recordings, photographs, and data shall be reviewed by the Contractor for focus, lighting, clarity of view, and technical quality.
- C. Blocked or Distorted Video - Videos recorded while a camera has flipped over in the process of traveling or the viewing of laterals, obstructions, or defects are blocked by cables, skids, or other equipment will not be accepted. Shape, focus, proper lighting, and clear, distortion-free viewing during the camera operations shall be maintained. Failure to maintain these conditions will result in the rejection of the video by the Owner.
- D. Non-Compliance to Specifications - Any work related to this cleaning and inspection project where recording quality, inspection, and/or reporting are not in accordance with these Technical Specifications shall be brought into compliance at the Contractor's expense.

PART FOUR DELIVERABLES

4.01 ACCEPTANCE

- A. Defective Work – Within sixty (60) days of the final delivery of written and video reports, the Owner will notify the Contractor of any defective work. Defective work (if any) will be corrected by the Contractor within sixty (60) days of receipt of this written notification. These corrections will be made to the satisfaction of the Owner.

4.02 DELIVERABLES

- A. Video Files - As part of the final submittal on this project, the Contractor shall submit two copies all video recordings and database information (in approved PACP format), on external hard drives (as dictated by the size and quantity of the files submitted). The submittal shall include the power cord and USB connection cable. The external hard drive shall become the property of the Owner.
- B. Written Reports – As part of the final submittal on this project, the Contractor shall provide two copies of a bound written report in the approved PACP format. This report shall include a cover page with the name of the project, scope of the project, and date of submission; an index page with listing of line segment reports; a complete set of line segment reports.

QUOTE FORM

2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN

PROJECT AREA NO. 1					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization	LS	1	\$ 2700	\$ 2700
2	Traffic Control	LS	1	600	600
3	Sewer Cleaning (8"-21" Pipe)	LF	42,874	① ② ③	74,252
4	Clean Lift Station	EA	12	1220	14,640
5	Removal of Roots	EA	10	610	6,100
6	Removal of Protruding Taps	EA	5	610	3,050
7	Bypass Pumping	EA	1	2000	2,000
TOTAL BID - PROJECT AREA NO. 1					\$103,342

① 8" PIPE 23,774' @ \$1.25/FT
 ② ≥12" PIPE 4,287' @ \$1.75/FT
 ③ EASEMENT 14,813' @ \$2.50/FT

- C. Uploading Information to City GIS Database: Contractor will be given necessary access and will be required to upload televising reports to the City's Diamond GIS Software / Database.
- D. Incidental Costs – All reports, hard drives, printing, copying, software, and other costs associated with developing and rendering these deliverables to the Owner shall be considered incidental to the project.

END OF SECTION

QUOTE FORM

2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN

PROJECT AREA NO. 2		UNIT	QUANTITY	UNIT PRICE	TOTAL
ITEM NO.	DESCRIPTION				
1	Mobilization	LS	1	\$ 3300	\$ 3300
2	Traffic Control	LS	1	600	600
3	Sewer Cleaning (8"-21" Pipe)	LF	37,380	① ② ③	71,106.50
4	Sewer Televising	LF	1,000	1/FT	1,000
5	Sewer Lead Televising	LF	1,000	\$60/LEAD/FT	480
6	Removal of Roots	EA	5	610	3,050
7	Bypass Pumping	EA	1	2000	2,000
TOTAL BID - PROJECT AREA NO. 2					\$ 81,536

① 8" PIPE 7476' @ \$1.25/FT

② ≥ 12" PIPE 17,331' @ \$1.75/FT

③ EASEMENT 12,573' @ \$2.50/FT

QUOTE FORM

2025 SANITARY SEWER CLEANING / TELEVISIONING
EAST GRAND FORKS, MN

ADD ALTERNATE					
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Sewer Televising	LF	5,310	\$1/FT	\$5,310
TOTAL BID - ADD ALTERNATE					

The City of East Grand Forks reserves the right of award either Project Area 1, Project Area 1 & 2 or Project Area 1, 2 & Add Alternate

Request for Council Action

Date: 1/21/25

To: East Grand Forks City Council Mayor Mark Olstad, Council President Brian Larson, Council Vice-President Tim Riopelle, Council Members Tami Schumacher, Ben Pokrzywinski, Dale Helms, Donald Casmey, and Karen Peterson.

Cc: File

From: Jason Stordah-Public Works Director

RE: Authorization to Prepare Plans & Specifications
 2025 City Project No. 3
 Lift Station No. 13 Rehabilitation
 East Grand Forks, Mn

Background:

Lift Station 13 was constructed after the flood as part of the temporary housing on the north end of the City off of 3rd Ave & 23rd St NW. The lift station is approximately 26 years old and the piping and fittings in the wet well are deteriorating and in need of replacement. A flowmeter will be installed to monitor wastewater flows from the lift station along with an electrical control building installed to get the lift station controls and such inside and out of the weather along with other miscellaneous items.

Estimated Project Costs:

Construction:	\$101,375.00
Plans / Specifications (12%):	\$12,165.00
Staking / Inspection (7%):	\$7,096.25
Construction Contingencies (15%):	<u>\$15,206.25</u>
Total Project Cost	\$135,842.50

Funding:

Wastewater Enterprise Fund

Recommendation:

Authorize Widseth to prepare plans and specifications.

Enclosures:

Engineers Estimate of Costs

**ENGINEERS ESTIMATE
LIFT STATION 13 REHABILITATION
EAST GRAND FORKS, MN**



1/22/2025

ITEM NO.	ITEM DESCRIPTION	PROJECT QUANTITY	UNIT	UNIT PRICE	AMOUNT
1	Mobilization	1	LS	\$ 10,000.00	\$ 10,000.00
2	Remove Existing Control Panel / Concrete Pad	1	LS	\$ 1,500.00	\$ 1,500.00
3	Remove & Replace 4" DI Piping / Fittings (Wet Well to Exterior)	1	LS	\$ 7,500.00	\$ 7,500.00
4	8'x8' Control Building w/ Thickened Edge Slab	1	LS	\$ 30,000.00	\$ 30,000.00
5	4" Flow-Meter & Manhole	1	LS	\$ 20,000.00	\$ 20,000.00
6	Misc Mechanical / Electrical	1	LS	\$ 20,000.00	\$ 20,000.00
7	Electrical Control Panel	1	LS	\$ 10,000.00	\$ 10,000.00
8	Common Topsoil Borrow	15	CY	\$ 25.00	\$ 375.00
9	Turf Establishment	200	SY	\$ 10.00	\$ 2,000.00
Subtotal Construction					\$101,375.00
Engineering - Plans/Specifications					\$12,165.00
Engineering - Construction Administration, Surveying & Inspection					\$7,096.25
Contingencies (15%)					\$15,206.25
Total Project Cost					\$135,842.50

Note: Temporary Bypass Pumping & Traffic Control by City of East Grand Forks