



THE CORPORATION OF THE CITY OF NIAGARA FALLS

REQUEST FOR QUOTATION – SERVICES

RFQ50-2021

Roster for Emergency Repair Contractors - Water, Wastewater & Stormwater Infrastructure

Contract Period: Three (3) Years (2022, 2023 & 2024)

SCOPE OF WORK

1. DESCRIPTON OF WORK

The City of Niagara Falls is compiling a roster list of emergency Contractors to perform water and wastewater repairs and replacements including but not limited to Sanitary Sewer Main, Storm Sewer, Sewer Lateral, Water Main and Water Service work required is to be in accordance with the requirements of this Request for Quotation and to the satisfaction of the Director of Municipal Works or their designate. The Contractors shall supply all necessary labour, equipment and tools to complete. On occasion the Contractors may be required to supply material.

Each compliant bidder will be placed on a roster in order from the lowest compliant Bidder to the highest compliant Bidder, and will be called in such order.

2. EQUIPMENT REQUIREMENTS

As listed on Appendix A: Form of Quotation.

3. QUALITY OF WORK

All work to be completed in a safe and professional manner.

4. DWQMS REQUIREMENTS

Contractors must ensure they and their staff, are fully aware and understand "Information for Contractor Performing Work on the Niagara Falls Drinking Water System" (Appendix "D") and sign to this effect.

5. HOURS ALLOWED TO WORK

The Contractor(s) are advised that the City of Niagara Falls Environmental Services Section has a policy that crews are not to work more than fourteen (14) continuous hours without a minimum eight (8) hour break. The Contractor(s) are to comply with this policy and are required to meet all requirements of the Ministry of Labour and the Occupational Health and Safety Act and the Highway Traffic Act as related to their work.

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6. TIME IS OF THE ESSENCE

The Contractor must ensure that the work is carried out in a timely and professional manner. Should the work not be completed as required (based on similar work history), the City reserves the right to re-assign future work to the opposing Contractor (primary, secondary and tertiary).

7. UTILITY LOCATE COORDINATION

The Contractor(s) are responsible for acquiring all utility locates necessary to make repairs. There will be no separate payment or individual pay item for this. The Contractor must verify their own sewer lateral locates. Environmental Services will provide an approximate location, but the Contractor must verify location of the lateral on their own.

8. TRAFFIC REQUIREMENTS

The Contractor(s) shall provide Traffic Protection Plans and traffic control devices (cones, barricades, signs, etc.) as necessary, to meet all requirements of the Ministry of Labour and the Occupational Health and Safety Act. They shall be required to adhere to all requirements for barricading, lighting, and traffic control as specified by the City of Niagara Falls, and the Ministry of Transportation, Ontario Traffic Manual, Book 7 - Temporary Conditions.

9. MATERIALS

Materials including cold patch, when available, to be supplied by The Corporation of the City of Niagara Falls except those listed on Appendix A: Form of Quotation Item #16.

10. EXCAVATE, PROTECT AND BACKFILL TRENCHES IN REPAIR/REPLACEMENT LOCATIONS

All work to consist of excavating, locating and identifying the type of damage on the section of main, lateral or service; protect and backfill with Granular "A" and dispose of excavated materials. Backfill materials shall be placed in layers not exceeding 300 mm in depth and compacted to 95% Standard Proctor Density. Also included shall be saw cutting and removal of the asphalt and concrete roadway, sidewalk, where applicable. Additionally, all efforts are to be made to replace native fill in grassy areas. Stone may be used as a base, however a minimum of 18" of native fill should be placed on top.

11. REPAIR/INSTALL SECTION OF SANITARY LATERAL/MAIN

This is to include cutting and removing the damaged section of pipe to the next adjacent structurally sound section of pipe. Replace the damaged section with suitable material as directed by an Environmental Services Supervisor, including installation of clean out as directed.

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Environmental Services will provide an approximate location but the Contractor is responsible to verify their own sewer lateral locates, using their own equipment, prior to excavation.

12. TEMPORARY ROAD RESTORATION

50 mm HL8 Hot Mix Asphalt or Cold Patch. To temporarily restore the roadway to ensure safe rideability. The location for this restoration will be on main traffic arterials or as directed by the Environmental Services Supervisor for each job.

13. REPAIR/INSTALL SECTION OF SANITARY LATERAL/MAIN

This is to include cutting and removing the damaged section of pipe to the next adjacent structurally sound section of pipe. Replace the damaged section with suitable material as directed by an Environmental Services Supervisor, including installation of clean out as directed.

14. SUPPLY AND INSTALL WATER SERVICES

To supply and install various sizes of water services complete. The Contractor may use "open cut" or "torpedo" method of installation. This item shall include abandoning an existing service. The Contractor is to use approved pipe bedding.

15. DISINFECTION OF WATERMAIN, WATER SERVICES, EQUIPMENT AND HAND TOOLS (all water related items)

The Contractor is required to follow the AWWA standard for disinfecting the water main pipe and water services as per:

- AWWA C651-14 Standard for Disinfecting Water main, Section 4.7:Basic Disinfection Procedure for new Mains.
- Ontario Watermain Disinfection Procedure

The disinfectant material to be used will be in accordance with:

- ANSI/NSF-60-61 produce, Standard for Liquid Chlorine. (4% - 12% solution)

16. WASHING AND DISINFECTION OF EQUIPMENT, HAND TOOLS AND PPE

The Contractor is advised that if any of their equipment, hand tools and PPE were used in a previous wastewater collection (sewer, sewer lateral, etc.) work site, that all of the equipment, hand tools and PPE associated with that work will have to be washed down and disinfected to the above standards.

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17. EMERGENCY PUMPING - RARE OCCURRENCE

This is a rare occurrence - only when Municipal Staff are unavailable.

The Primary Contractor “may” be required, rarely, to respond within ½ to 1 hour or sooner upon initial call out, to attend designated pumping stations to perform emergency pumping during high volume rain events. Two staff members will be required to work under the direction of an Environmental Services Supervisor. Standard Operating Procedures are to be provided to the Primary, Secondary and Tertiary Contractors.

A meeting will be scheduled on site with all compliant contractors, immediately after contract award, to identify locations and work required. All contractors shall have their staff trained prior to if required in an emergency situation occurs. Equipment utilized will be Municipal or Municipality rented equipment.

Should pumping be required, Environmental Services Supervisors will again ensure that contractual staff is versed in requirements of logging number of litres/gallons pumped for accurate record submissions to the Ministry of the Environment. Record submissions will be performed by Environmental Services Supervisor(s).