

REQUEST FOR PROPOSALS

INJECTION GROUTING

RFP # 269.2026.134



**CITY OF CHARLOTTE
NORTH CAROLINA**

OCTOBER 09, 2025

REQUEST FOR PROPOSALS
RFP # 269.2026.134
Injection Grouting

October 09, 2025

Interested Company:

The City of Charlotte, North Carolina, is now accepting Proposals for Injection Grouting. The requirements for submitting a Proposal are stated in the attached Request for Proposals (the "RFP"). Please review them carefully.

The City of Charlotte is using the Bonfire e-Procurement Portal ("Procurement Portal" - <https://charlottenc.bonfirehub.com>) to accept and evaluate proposals for this RFP. Proposals must be submitted electronically through the Procurement Portal on or before the Due Date in order to be accepted.

A **Non-Mandatory** Virtual Pre-Proposal Conference for the purpose of reviewing the RFP and answering questions regarding the Services will be held on **October 27 at 11 a.m. No onsite meeting will be held and Service Provider(s) should not come to the City expecting to attend in person.** While attendance at the Pre-Proposal Conference is not mandatory, all interested Service Provider(s) are encouraged to participate.

[Join the meeting now](#)

Meeting ID: 272 128 673 885 8

Passcode: L3XU37JD

Dial in by phone

[+1 872-256-4172,,94517432#](#) United States, Chicago

[Find a local number](#)

Phone conference ID: 945 174 32#

Please have a copy of the RFP available for reviewing during the Pre-Proposal Conference. Proposal submissions are due no later than **November 03, 2025 at 3 p.m.**

The City is an equal opportunity purchaser.

Sincerely,

Robert Andrews

Procurement Officer

Checklist for submitting a Proposal:

- Step 1** **Read the document fully.**
- Step 2** Review the solicitation timeline and upcoming events in the Procurement Portal and download copies of any documents if you plan to submit a Proposal.
- Step 3** (Optional) Submit any questions via the Procurement Portal by the deadline(s) noted for the solicitation.
- Step 4** Conduct a thorough review of the Sample Contract. Any exceptions to the Sample Contract must be uploaded in word format (with redlines/tracked changes)
- Step 5** Monitor the Procurement Portal for any addendums and/or responses to questions.

If you plan to submit a Proposal, you must submit all required documents and respond to all questions within the Procurement Portal for the RFP.

If awarded a contract, your company will be required to provide an insurance certificate(s) that meets or exceeds the requirements set forth in the Sample Contract.

TABLE OF CONTENTS

1. INTRODUCTION.....	2
1.1. OBJECTIVE.....	2
1.2. DEFINITIONS.....	2
1.3. ACCURACY OF RFP AND RELATED DOCUMENTS.....	5
1.4. CITY’S RIGHTS AND OPTIONS.	5
1.5. EXPENSE OF SUBMITTAL PREPARATION.....	5
1.6. PROPOSAL CONDITIONS.	6
2. PROCUREMENT PROCESS.	11
2.1. SCHEDULE AND PROCESS.....	11
2.2. INTERPRETATIONS AND ADDENDA.	11
2.3. PRE-PROPOSAL CONFERENCE.....	11
2.4. SUBMISSION OF PROPOSALS.	12
2.5. CORRECTION OF ERRORS.	12
2.6. EVALUATION.	12
2.7. CONTRACT AWARD BY COUNCIL.	12
2.8. VENDOR INCLUSION.	12
SCOPE OF INJECTION GROUTING	13
3. PROPOSAL CONTENT AND FORMAT.	18
3.1. PROPOSAL CONTENT.....	18
4. PROPOSAL EVALUATION CRITERIA.	19

Introduction and General Information

1. INTRODUCTION.

1.1. Objective.

The objective of this RFP is to solicit Proposals that will enable the City to determine which Company and Proposed Solution will best meet the City's needs for the Services detailed in the Scope of Work.

Charlotte Department of Transportation (CDOT) is committed to enhancing the driving, bicycling, and walk experience through planning, operating, and maintaining the City's transportation choices for residents and visitors. An important component in the operation and maintenance of the transportation network is the maintenance of storm drainage systems and subsurface soils. Charlotte Storm Water Services is responsible for more than 3,800 miles of drainage pipe and over 150,000 associated inlets, outfalls and other systems. The Street Maintenance Division of CDOT serves as maintenance providers for much of this system in the right of way. Injection grouting provides a repair and maintenance method that is less disruptive than typical excavation methods.

The services generally consist of the provision of as-needed Injection Grouting on storm water pipes, collars, subsurface voids and other areas as appropriate.

1.2. Definitions.

As used in this RFP, the following terms shall have the meanings set forth below:

<i>Acceptance:</i>	Refers to receipt and approval by the City of a Deliverable or Service in accordance with the acceptance process and criteria in the Contract.
<i>Affiliates:</i>	Refers to all departments or units of the City and all other governmental units, boards, committees or municipalities for which the City processes data or performs services.
<i>Biodegradable:</i>	Refers to the ability of an item to be decomposed by bacteria or other living organisms.
<i>Charlotte Business INclusion/CBI:</i>	Refers to the Charlotte Business INclusion office of the City of Charlotte.
<i>Charlotte Business INclusion Policy/CBI Policy:</i>	Refers to the policy adopted by City Council, which seeks to enhance competition in contracting and procurement opportunities for MWSBEs located in the Charlotte Combined Statistical Area.
<i>Charlotte Combined Statistical Area:</i>	Refers to the area consisting of the North Carolina counties of Anson, Cabarrus, Cleveland, Gaston, Iredell, Lincoln, Mecklenburg, Rowan, Stanly, and Union, and the South Carolina counties of Chester, Lancaster, and York; a criterion used by Charlotte Business INclusion to determine eligibility to participate in the program.
<i>City:</i>	Refers to the City of Charlotte, North Carolina.
<i>City Project Manager:</i>	Refers to a specified City employee representing the City's best interests in this Project.
<i>Company:</i>	During the solicitation process, refers to a company that has interest in providing the Services. After the solicitation process, refers to a company that has been selected by the City to provide the Services.

Introduction and General Information

<i>Manager:</i>	Refers to a specified Company employee representing the best interests of the Company for this Project.
<i>Contract:</i>	Refers to a written agreement executed by the City and the Company for all or part of the Services.
<i>Deliverables:</i>	Refers to all tasks, reports, information, designs, plans, and other items that the Company is required to deliver to the City in connection with the Contract.
<i>Department:</i>	Refers to a department within the City of Charlotte.
<i>Documentation:</i>	Refers to all written, electronic, or recorded works that describe the use, functions, features, or purpose of the Deliverables or Services or any component thereof, and which are provided to the City by the Company or its subcontractors, including without limitation all end user manuals, training manuals, guides, program listings, data models, flow charts, and logic diagrams.
<i>Environmentally Preferable Products:</i>	Refers to products that have a lesser or reduced effect on human health and the environment when compared with competing products that serve the same purpose. This comparison may consider raw materials acquisition, production, manufacturing, packaging, distribution, reuse, operation, maintenance, or disposal of the product.
<i>Evaluation Committee:</i>	Refers to a City-appointed committee that will evaluate Proposals and identify the Company(-ies) best meeting the needs of the City.
<i>Milestones:</i>	Refers to an identified deadline for the completion of specific Services and/or the Acceptance of identified Deliverables, as specified in this RFP.
<i>Minority-owned Business Enterprise/ MBE:</i>	Refers to a business enterprise that: (i) is certified by the State of North Carolina as a Historically Underutilized Business (HUB) within the meaning of N.C. Gen. Stat. § 143-128.4; (ii) is at least fifty-one percent (51%) owned by one (1) or more persons who are members of one of the following groups: African American or Black, Hispanic, Asian, Native American or American Indian; and (iii) has significant business presence in the Charlotte Combined Statistical Area.
<i>MWSBE:</i>	Refers to SBEs, MBEs, and WBEs, collectively.
<i>MWSBE Goal:</i>	If an RFP or Contract has separate Subcontracting Goals for MBEs, WBEs, and/or SBEs, the term MWSBE is a shorthand way to refer collectively to all MBE, WBE, and SBE Goals set for the RFP. In some instances, the City may set one (1) combined goal for MBEs, WBEs, and/or SBEs, in which event the term MWSBE Goal refers to that one (1) combined goal. In the latter instance, calculated as a percentage, the MWSBE Goal represents the total dollars spent with MBEs, WBEs, and SBEs as a portion of the total Proposal amount, including any contingency.
<i>Post-Consumer Recycled Material:</i>	Refers to material and by-products which have served their intended end-use by a consumer and have been recovered or diverted from solid waste. It does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

Section 1

Introduction and General Information

<i>Project:</i>	Refers to the City's need for a company to provide Injection Grouting for the City.
<i>Project Plan:</i>	Refers to the detailed plan for delivery of the Services as described in Section 3, in the form accepted in writing by the City in accordance with the terms of this RFP and resultant Contract.
<i>Proposal:</i>	Refers to the proposal submitted by a Company for the Services as outlined in this RFP.
<i>Recyclability:</i>	Refers to products or materials that can be collected, separated, or otherwise recovered from the solid waste stream for reuse, or used in the manufacture or assembly of another package or product, through an established recycling program. For products that are made of both recyclable and non-recyclable components, the recyclable claim should be adequately qualified to avoid consumer deception about which portions or components are recyclable.
<i>Recycled Material:</i>	Refers to material and by-products which have been recovered or diverted from solid waste for the purpose of recycling. It does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.
<i>Services:</i>	Refers to the Injection Grouting as requested in this RFP.
<i>Small Business Enterprise/SBE:</i>	Refers to a business enterprise that is certified by the City of Charlotte under Part E of the CBI Policy as meeting all of the requirements for SBE certification.
<i>Specifications and Requirements:</i>	Refers to all definitions, descriptions, requirements, criteria, warranties, and performance standards relating to the Deliverables and Services that are set forth or referenced in: (i) this RFP, including any addenda; (ii) the Documentation; and (iii) any functional and/or technical specifications that are published or provided by the Company or its licensors or suppliers from time to time with respect to all or any part of the Deliverables or Services.
<i>Subcontracting Goal:</i>	Refers to a SBE, MBE, WBE, and/or MWSBE Goal established by the City for an RFP and resulting Contract.
<i>Trade Secrets:</i>	Information of the City or any of its suppliers, contractors or licensors that: (i) derives value from being secret; and (ii) the owner has taken reasonable steps to keep confidential. See N.C. Gen. Stat. § 66-152 et seq. Examples of trade secrets include information relating to proprietary software, new technology, new products or services, flow charts or diagrams that show how things work, manuals that tell how things work and business processes and procedures.
<i>Woman-owned Business Enterprise/WBE:</i>	Refers to a business enterprise that: (i) is certified by the State of North Carolina as a Historically Underutilized Business (HUB) within the meaning of N.C. Gen. Stat. § 143-128.4; (ii) is at least fifty-one percent (51%) owned by one or more persons who are female; and (iii) has significant business presence in the Charlotte Combined Statistical Area.

Introduction and General Information

Work Product: Refers to the Deliverables and all other programs, algorithms, reports, information, designs, plans and other items developed by the Company in connection with this RFP, and all partial, intermediate or preliminary versions of any of the foregoing.

1.3. Accuracy of RFP and Related Documents.

Each Company must independently evaluate all information provided by the City. The City makes no representations or warranties regarding any information presented in this RFP, or otherwise made available during this procurement process, and assumes no responsibility for conclusions or interpretations derived from such information. In addition, the City will not be bound by or be responsible for any explanation or conclusions regarding this RFP or any related documents other than those provided by an addendum issued by the City. Companies may not rely on any oral statement by the City or its agents, advisors, or consultants.

If a Company identifies potential errors or omissions in this RFP or any other related documents, the Company should immediately notify the City of such potential discrepancy in writing. The City may issue a written addendum if the City determines clarification necessary. Each Company requesting an interpretation will be responsible for submitting them per Section 2.2.

1.4. City's Rights and Options.

The City reserves the right, at the City's sole discretion, to take any action affecting this RFP, this RFP process, or the Services or facilities subject to this RFP that would be in the best interests of the City, including:

- 1.4.1. To supplement, amend, substitute, or otherwise modify this RFP, including the schedule, at any time;
- 1.4.2. To cancel this RFP with or without the substitution of another RFP;
- 1.4.3. To require one or more Companies to supplement, clarify or provide additional information in order for the City to evaluate the Proposals submitted
- 1.4.4. To investigate the qualifications, experience, capabilities, and financial standing of each Company submitting a Proposal;
- 1.4.5. To waive any defect or irregularity in any Proposal received;
- 1.4.6. To reject any or all Proposals;
- 1.4.7. To share the Proposals with City employees other than the Evaluation Committee or City advisory committees as deemed necessary;
- 1.4.8. To award all, none, or any part of the Services and enter into Contracts with one or more of the responding Companies deemed by the City to be in the best interest of the City, which may be done with or without re-solicitation;
- 1.4.9. To discuss and negotiate with any Company(-ies) their Proposal terms and conditions, including but not limited to financial terms;
- 1.4.10. To terminate discussions and negotiations with any Company at any time and for any reason;
- 1.4.11. To issue additional requests for information; and
- 1.4.12. To take any action affecting this RFP, this RFP process, or the Services or facilities subject to this RFP that would be in the best interest of the City.

1.5. Expense of Submittal Preparation.

The City accepts no liability, and Companies will have no actionable claims, for reimbursement of any costs or expenses incurred in participating in this solicitation process. This includes expenses and costs

Introduction and General Information

related to Proposal submission, submission of written questions, attendance at pre-proposal meetings or evaluation interviews, contract negotiations, or activities required for contract execution.

1.6. Proposal Conditions.

1.6.1. The following terms are applicable to this RFP and the Company's Proposal Not An Offer. This RFP does not constitute an offer by the City. No binding contract, obligation to negotiate, or any other obligation shall be created on the part of the City unless the City and the Company execute a Contract. No recommendations or conclusions from this RFP process concerning the Company shall constitute a right (property or otherwise) under the Constitution of the United States or under the Constitution, case law, or statutory law of North Carolina.

1.6.2. Right to Terminate Discussions.
The Company's participation in this process might result in the City selecting the Company to engage in further discussions. The commencement of such discussions, however, does not signify a commitment by the City to execute a Contract or to continue discussions. The City can terminate discussions at any time and for any reason.

1.6.3. Trade Secrets and Personal Identification Information.

Definition.

Upon receipt by the city, all materials submitted by a Company (including the Proposal) are considered public records except for (1) material that qualifies as "trade secret" information under N.C. Gen. Stat. § 66-152 et seq. ("Trade Secrets") or (2) "personally identifiable information" protected by state or federal law, to include, but not be limited to, Social Security numbers, bank account numbers, and driver's license numbers ("Personally Identifiable Information" or "PII").

Instructions for Marking and Identifying Trade Secrets.

If any Proposal contains Trade Secrets or PII, such Trade Secrets and PII must specifically and clearly be identified by clearly separating them from the rest of the Proposal and marked either "Personally Identifiable Information – Confidential" or "Trade Secret—Confidential and Proprietary Information." This confidentiality caption must appear on each page of the Trade Secret or PII materials, and the document(s) must be submitted separately in the Procurement Portal.

Availability of Proposals to City Staff and Contractors.

By submitting a Proposal, each Company agrees that the City may reveal any Trade Secret materials and PII contained therein to all City staff and City officials involved in the selection process, and to any outside consultant or other third parties who serve on the Evaluation Committee or who are hired or appointed by the City to assist in the evaluation process.

Availability of Proposals via Public Records Requests.

Any person or entity (including competitors) may request Proposals submitted in response to an RFP. Only those portions of RFPs properly designated as Trade Secret or PII are not subject to disclosure. The public disclosure of the contents of a Proposal or other materials submitted by a Company is governed by N.C. Gen. Stat. §§ 132 and 66-152, et seq.

When determining whether to mark materials as Trade Secret, please note the following:

- Entire Proposals may not be marked as Trade Secret
- Pricing may not be marked as Trade Secret

The City may disqualify and Company that designates its entire Proposal as a trade secret, or any portion thereof that clearly does not qualify under applicable law as a Trade Secret or PII. Each Company agrees to indemnify, defend, and hold harmless the City and each of its officers, employees, and agents from all costs, damages, and expenses incurred in

Introduction and General Information

connection with refusing to disclose any material that the Company has designated as a Trade Secret or PII. This includes an obligation on the part of the Company to defend any litigation brought by a party that has requested Proposals or other information that the Company has marked Trade Secret or PII.

1.6.4. Statutory Requirements.

Any Contract awarded as a result of this RFP shall be in full conformance with all statutory requirements of North Carolina and all statutory requirements of the Federal Government, to the extent applicable.

1.6.5. Reservation of Right to Change Schedule.

The City shall ultimately determine the timing and sequence of events resulting from this RFP. The City reserves the right to delay the closing date and time for any phase if City staff believe that an extension will be in the best interest of the City.

1.6.6. Reservation of Right to Amend RFP.

The City reserves the right to amend this RFP at any time during the process, if it believes that doing so is in the best interests of the City. Any addenda will be posted to [the Procurement Portal](#). Companies are required to acknowledge receipt of each addendum.

1.6.7. No Collusion or Conflict of Interest.

By responding to this RFP, the Company shall be deemed to have represented and warranted that the Proposal is not made in connection with any competing Company submitting a separate response to this RFP, and is in all respects fair and without collusion or fraud.

1.6.8. Proposal Terms Firm and Irreversible.

The signed Proposal shall be considered a firm offer on the part of the Company. The City reserves the right to negotiate price and other terms. All Proposal elements (including all statements, claims, declarations, prices, and specifications) shall be considered firm and irrevocable for purposes of future Contract negotiations unless specifically waived in writing by the City. The Company chosen for award should be prepared to have its Proposal and any relevant correspondence incorporated into the Contract, either in part or in its entirety, at the City's election. Any false or misleading statements found in the Proposal or Contract exceptions not included in the Proposal may be grounds for disqualification.

1.6.9. Charlotte Business INclusion Program.

Pursuant to Charlotte City Council's adoption of the Charlotte Business INclusion (CBI) Policy, the CBI program seeks to enhance competition and participation of Minority-owned, Women-owned, and Small Business Enterprises (MWSBEs) in City contracting. To accomplish this, the City has examined its procurements and set specific MWSBE participation goals on a contract-by-contract basis. In addition, CBI makes a concerted effort to expand its certified MWSBE vendor pool and assist city-certified firms in growing, enhancing, and developing their businesses. CBI currently offers numerous development programs that support certified businesses in organizational training, strategic development, and networking opportunities.

The CBI Policy and CBI Manual are posted online here: www.charlottebusinessinclusion.com

To determine whether disparities exist in City contracting based on race, gender or other factors, and also to measure the effectiveness of the City's Charlotte Business INclusion ("CBI") Program, the City tracks the utilization of subconsultants and suppliers on certain City contracts based on race, gender, small business status, and other factors. For analysis purposes, it is important that the City obtain this data not only for minority-owned, women-owned, and small business suppliers and subconsultants, but also for other subconsultants and suppliers. As a condition for receiving payments under this Contract, the Proposer

Introduction and General Information

agrees to submit any payment record into InclusionCLT, or any subsequent system designated by the City, detailing the amounts paid by the Consultant to all subconsultants and suppliers receiving payment in connection with this Contract.

There is a **Goal Waiver** for this listing.

The city strongly encourages participation whenever possible.

City certified MWSBE firms can be found in the City's InclusionCLT system:

<https://charlotte.diversitycompliance.com/>

- 1.6.10. Subcontracting.
The Company given contract award shall be the prime contractor and shall be solely responsible for contractual performance. In the event of a subcontracting relationship, the Company shall remain the prime contractor and will assume all responsibility for the performance of the Services that are supplied by all subcontractors. The City retains the right to approve all subcontractors. Additionally, the City must be named as a third-party beneficiary in all subcontracts.
- 1.6.11. Equal Opportunity.
The City has an equal opportunity purchasing policy. The City seeks to ensure that all segments of the business community have access to supplying the goods and services needed by City programs. The City provides equal opportunity for all businesses and does not discriminate against any Companies regardless of race, color, religion, age, sex, and national origin or disability.
- 1.6.12. Title VI Solicitation Notice: Note: Unless otherwise stated herein, this section is only applicable to purchases made by or on behalf of the Aviation Department. The City, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 USC §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders or offerors that it will affirmatively ensure that for any contract entered into pursuant to this advertisement, disadvantaged business enterprises or airport concession disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and no businesses will be discriminated against on the grounds of race, color, national origin (including limited English proficiency), creed, sex (including sexual orientation and gender identity), age, or disability in consideration for an award.
- 1.6.13. Use of City's Name.
No advertising, sales promotion, or other materials of the Company or its agents or representatives may identify or reference the City in any manner absent the prior written consent of the City.
- 1.6.14. Withdrawal for Modification of Proposals.
Companies may change or withdraw a previously-submitted Proposal at any time prior to the Proposal due date by editing or removing their submission on the Procurement Portal.
- 1.6.15. No Bribery.
In submitting a response to this RFP, each Company certifies that neither it, any of its affiliates or subcontractors, nor any employees of any of the foregoing has bribed, or attempted to bribe, an officer or employee of the City in connection with the Contract.
- 1.6.16. Exceptions to the RFP.
Other than exceptions that are stated in compliance with this Section, each Proposal shall be deemed to agree to comply with all terms, conditions, specifications, and requirements of this RFP including the Sample Contract language. An "exception" is defined as the Company's inability or unwillingness to meet a term, condition, specification, or requirement in the manner specified in the RFP including in the Sample Contract. All

Introduction and General Information

exceptions taken must be identified and explained in writing in your Proposal and must specifically reference the relevant section(s) of this RFP. If the Company provides an alternate solution when taking an exception to a requirement, the benefits of this alternative solution and impact, if any, on any part of the remainder of the Company's solution, must be described in detail.

Exceptions must be submitted under the Acknowledgement section in the Procurement Portal. If exceptions are not identified in your Proposal, they may not be considered during Contract negotiation and could result in Proposal being rejected from further consideration. If legal counsel needs to review the Sample Contract prior to signature, reviews must be completed before your Proposal is submitted. The City reserves the right to refuse consideration of any terms not so included. Any proposed changes to the Sample Terms after tentative contract award may constitute a material change to the Company's Proposal and be grounds for revoking the award.

The City intends to enter into a City-drafted Contract with the successful Company that contains the terms and conditions set forth in the Sample Services Contract. The number and extent of any exceptions and proposed additions to the Sample Terms will be one of the City's evaluation criteria.

Notwithstanding the foregoing, the City reserves the right to modify the Sample Terms prior to or during contract negotiations if it is in the City's best interest to do so.

1.6.17. Fair Trade Certifications.

By submitting a Proposal, the Company certifies that:

- The prices in its Proposal have been arrived at independently, without consultation, communication, or agreement with anyone, as to any matter relating to such prices for the purpose of restricting competition;
- Unless otherwise required by law, the prices quoted in its Proposal have not been knowingly disclosed by the Company and will not knowingly be so disclosed prior to the Proposal due date; and
- No attempt has been made or will be made by the Company to induce any other person or firm to submit or not to submit a Proposal for the purpose of restricting competition.

1.6.18. Companies' Obligation to Fully Inform Themselves.

Companies or their authorized representatives must fully inform themselves as to all conditions, requirements, and specifications of this RFP before submitting a Proposal. Failure to do so will be at the Company's own risk.

1.6.19. Environmentally Preferable Purchasing.

The City promotes the practice of Environmentally Preferable Purchasing (EPP) in acquiring products or services. Applicable EPP attributes that may be taken into consideration as environmental criterion include the following:

Recycled content	Recyclability
Reduced Packaging	Biodegradability
Compostability	Durability
Reduced toxicity	Take-back options
Energy Efficiency	Water efficiency
Life Cycle Management	Pollution Prevention
Low volatile organic compounds	End-of-life management

Companies able to supply products or services containing any of the applicable environmentally preferable attributes that meet performance requirements are encouraged to offer them in the Proposal using the provided Questionnaire in the

Introduction and General Information

Procurement Portal. Companies must provide certification of environmental standards and other environmental claims, such as recycled content and emissions data or a formal statement signed by a senior company official.

1.6.20. Disclaimer

Each Company must perform its own evaluation and due diligence verification of all information and data provided by the City. The City makes no representations or warranties regarding any information or data provided by the City.

Section 2

Procurement Process

2. PROCUREMENT PROCESS.

This Section 2 contains information about the procurement process for this Project.

2.1. Schedule and Process.

The following chart shows the schedule of events for the conduct of this RFP. The key events and deadlines for this process are as follows, some of which are set forth in more detail in the Sections that follow:

DATE	EVENT
October 09, 2025	<i>Issuance of RFP.</i> The City issues this RFP.
October 22, 2025	<i>Submission of Written Questions Prior to Pre-Proposal Conference.</i> Companies are permitted to submit questions for purposes of clarifying this RFP. All submissions must be pursuant to the instructions in Section 2.2 by 3 p.m.
October 27, 2025	<i>Non-Mandatory Pre-Proposal Conference</i> to be held via the link indicated in Section 2.3 at 11 a.m.
October 29, 2025	<i>Submission of Questions After the Pre-Proposal Conference.</i> Questions are due by 3 p.m.
November 03, 2025	<i>Proposal Submission.</i> Proposals are due by 3 p.m. via the Procurement Portal.
TBD	<i>Evaluation.</i> The Evaluation Committee will assess each Proposal and conduct evaluation activities with Companies.
TBD	<i>Contract Award by Council.</i>
TBD	<i>Services Commence.</i> Company begins providing the Services.

2.2. Interpretations and Addenda.

There are two (2) ways to ask questions about this RFP: (1) submit a question through the **Vendor Discussion** section on the Procurement Portal; or (2) ask a question at the Pre-Proposal Conference. Other than these permitted methods, Companies should refrain from contacting City staff prior to the Proposal due date. **The City is not bound by any statements, representations or clarifications regarding this RFP other than those provided in writing by the Procurement Officer.**

In order for questions to be addressed at the Pre-Proposal Conference, they must be submitted by **3 p.m. on October 22, 2025.**

After the Pre-Proposal Conference, questions must be submitted in the Procurement Portal by the deadline stated in Section 2.1.

When responding to Company questions or issuing addenda to the RFP, the City will post the answer or information to the Procurement Portal.

2.3. Pre-Proposal Conference.

A Non-Mandatory Pre-Proposal Conference will be conducted on **October, 27 2025 at 11 a.m.** Meeting information is provided below:

[Join the meeting now](#)

Meeting ID: 272 128 673 885 8

Passcode: L3XU37JD

Dial in by phone

[+1 872-256-4172,,94517432#](#) United States, Chicago

[Find a local number](#)

Phone conference ID: 945 174 32#

Section 2

Procurement Process

While attendance at the Pre-Proposal Conference is not mandatory, all interested Companies are encouraged to attend. If special accommodations are required for attendance, please notify the City in advance through the **Vendor Discussion** section of the Procurement Portal.

2.4. Submission of Proposals.

Proposals must be in the format specified in Section 4 of this RFP by **November 03, 2025 on or before but no later than 3 p.m.**

When received, all Proposals and supporting materials, as well as correspondence relating to this RFP, shall become the property of the City. The Proposals will not be read aloud or made available to inspect or copy until any trade secret issues have been resolved.

2.5. Correction of Errors.

The person signing the Proposal must initial erasures or other corrections in the Proposal. The Company further agrees that in the event of any obvious errors, the City reserves the right to waive such errors in its sole discretion. The City, however, has no obligation under any circumstances to waive such errors.

2.6. Evaluation.

As part of the evaluation process, the Evaluation Committee may engage in discussions with one or more Companies. Discussions might be held with individual Companies to determine in greater detail the Company's qualifications, to explore with the Company the scope and nature of the required contractual Services, to learn the Company's proposed method of performance and the relative utility of alternative methods, and to facilitate arriving at a Contract that will be satisfactory to the City.

The City may in its discretion require one (1) or more Companies to make presentations to the Evaluation Committee or appear before the City and/or its representatives for an interview. During such interview, the Company may be required to orally and otherwise present its Proposal and to respond in detail to any questions posed. Additional meetings may be held to clarify issues or to address comments, as the City deems appropriate. Companies will be notified in advance of the time and format of such meetings.

Since the City may choose to award a Contract without engaging in discussions or negotiations, the Proposals submitted shall state the Company's best offer for performing the Services described in this RFP.

2.7. Contract Award by Council.

As soon as practical after opening the Proposals, the name of the apparent successful Company will be submitted to the Council for final approval of award and the Procurement Officer will provide Contract documents to the Company. In the event the Council approval is not received within **one hundred eighty (180) calendar** days after opening of the Proposals, the Company may request that it be released from the Proposal.

2.8. Vendor Inclusion.

The City's vendor management philosophy supports a fair, open, and inclusive process that offers the same access and information to all Companies. Although Companies are not required to be registered in the City's vendor registration system prior to submitting a Proposal, in order to execute a contract with the City and receive payment from the City, all Companies must register with the City's vendor registration system.

Your registration provides the City with baseline information for your company including location, contact and demographic information, as well as your areas of expertise with specific commodity and/or service descriptions. You will also have the opportunity to complete any applicable certifications if your company desires to establish itself as an SBE, MBE, or WBE. The link below will provide you with the opportunity to complete your registration on-line with the City.

<http://charlottenc.gov/vendors>

SCOPE OF INJECTION GROUTING

Charlotte Department of Transportation (CDOT) is committed to enhancing the driving, bicycling, and walk experience through planning, operating, and maintaining the City's transportation choices for residents and visitors. An important component in the operation and maintenance of the transportation network is the maintenance of storm drainage systems and subsurface soils. Charlotte Storm Water Services is responsible for more than 3,800 miles of drainage pipe and over 150,000 associated inlets, outfalls and other systems. The Street Maintenance Division of CDOT serves as maintenance providers for much of this system in the right of way. Injection grouting provides a repair and maintenance method that is less disruptive than typical excavation methods.

The services generally consist of the provision of as-needed INJECTION GROUTING on storm water pipes, collars, subsurface voids and other areas as appropriate.

For bids to be considered compliant, bidders must be properly registered and active with the NC Secretary of State at the time their bid is submitted.

1.0 DESCRIPTION

This work shall consist of injection of polyurethane grout (PU) at locations identified on the contract documents and as directed by the Project Manager. Injection grouting may be used to address infiltration of soil and or water through pipe joints and drainage structures, curtain/permeation grouting and subgrade stabilization.

2.0 MATERIALS

POLYURETHANE GROUT REQUIREMENTS:

Provide PU material that is supplied by manufactures on the NCDOT Approved Products List. Contractor is responsible for verifying that the appropriate PU is selected for each specific application and is applied per manufactures specifications. Provide Type 3 material certifications in accordance with Article 106-3 of the *Standard Specifications* for polyurethanes. Do not use expired or improperly stored PU components or materials. If an expiration date is not provided by the PU Manufacturer, assume an expiration date 6 months after production. The Engineer may perform independent verification testing, if necessary. The material certifications shall not be interpreted as a basis for payment.

(A) Type 1 Polyurethane

Type 1 polyurethane is a two component, high density, hydrophobic and hydro-insensitive resin mixed with a ratio of 1:1 by volume. This material is generally used for significant void filling and high strength soil stabilization. When injected, the two components react to expand and harden forming a rigid closed cell foam. URETEK 486 STAR Polymer or equivalent is an acceptable product. Provide PU resins that meet the following:

Section 3

Scope of Services

TYPE 1 POLYURETHANE MINIMUM REQUIREMENTS		
Property	Requirement	Test Method
Apparent Density (Free Rise)	3 lb/cf	ASTM D1622
Compressive Strength ¹ (Free Rise)	30 psi	ASTM D1622

1. Compressive strength of at least 90% of maximum strength within 30 minutes of injection.

(B) Type 2 Polyurethane

Type 2 polyurethane is a single component, low or medium viscosity, hydrophobic PU resin that is typically used to address gushing leaks in below grade pipes and structures, curtain grouting of manholes, pipe joints, and stabilization of loose soils. Type 2 PU may be mixed with a catalyst/accelerator per the PU Manufacturer's instructions to initiate or speed up reactions. When injected, the PU resin reacts with moisture in the soil to expand and form a rigid watertight closed cell foam within voids. Prime Flex 920 or equivalent is an acceptable product. Provide PU resins that meet the following:

TYPE 2 POLYURETHANE MINIMUM REQUIREMENTS		
Property	Requirement	Test Method
Viscosity ¹	50 centipoise	ASTM D4016 or D4878
Compressive Strength ² (With Sand)	1135 psi	ASTM D695
Tensile Strength ³	150 psi	ASTM D638

1. Maximum viscosity of uncured resin.
2. Compressive strength of cured rigid foam; does not apply to flexible foam.
3. Tensile strength is based on the resin being confined.

(C) Type 3 Polyurethane

Type 3 polyurethane is a single component, low viscosity, hydrophilic PU resin that is typically used to stop active leaks within drainage pipes and structures. When injected, the PU resin reacts with water to expand and produce a watertight closed cell foam/impermeable gel. Provide PU resins similar or equivalent to Prime Flex Hydro Gel SX and/or Prime Flex 900 XLV that meet the following:

TYPE 3 POLYURETHANE MINIMUM REQUIREMENTS		
Property	Requirement	Test Method
Viscosity ¹	150 centipoise	ASTM D4016 or D4878
Tensile Strength ²	250 psi	ASTM D3574

1. Maximum viscosity of uncured resin.
2. Tensile strength of cured foam; does not apply to gel.

3.0 SUBMITTALS

The Contractor is required to provide the following items 2 weeks prior to work commencing:

- Provide Contractor's qualifications.
 - Contractor and supervisor should have a minimum of 5 years' experience including but not limited to injection grouting of pipes and structures described herein.
 - A list of 5 projects, including references and contact information with similar pipe culvert or drainage structure rehabilitation.
 - The onsite supervisor's NCDOT Level I or II certified for Erosion and Sedimentation Control.
- Provide material technical data sheets that document the polyurethanes to be used meet or exceed all material property requirements listed in Section 2.0 above.
- Where injection grouting for soil stabilization is specified, provide a site-specific construction plan with manufacturer's product recommendations for filling known subsurface voids.
- Manufacturers installation instructions to include required equipment.

4.0 EQUIPMENT

The Contractor shall provide all necessary equipment needed to perform the work, including but not limited to the following:

- Graco 495, Titan Impact 540 or equivalent airless pump as suggested by PU manufacturer.
 - When using two component polyurethane grout, pump and associated equipment must be capable of mixing per manufactures specifications.
 - When using a single component product, a dual component 1:1 ratio pump with a static mixer shall be used.
- Provide equipment with pressure and temperature control devices capable of maintaining proper temperature and proportionate mixing of the polyurethane component materials.
- Equipment shall be equipped with certified flow meters to measure the amount each component material injected so that an accurate quantity of material is recorded at each location.
 - Calibration may be required by comparing to the capacity of the container vs. material pumped.
 - Additional calibration documentation may be required.
- Equipment must allow operator to have full control of material application rate to precisely apply product and start/stop as needed to complete work without excess material loss.

5.0 SERVICE METHODS

Weather Limitations

Work under this contract item shall not be performed when ambient temperature is below 32°F. Contractor to verify that ambient temperatures are consistent with application guidelines provided by manufacturer.

Environmental Considerations

All polyurethane grout, to the maximum extent practical shall be installed in dry conditions. Barriers shall be installed as needed between work areas and aquatic habitat to protect that habitat from materials, debris, and pollutants associated with procedures referenced herein. Dewatering, if necessary, shall be performed by diverting, pumping, or bypassing any water flowing through an existing pipe and/or structure prior to and during the grouting process. The method of de-watering is to be determined by the contractor but must be approved by the Wetland Specialist and/or 401-404 consultant prior to implementing. All required barriers and dewatering measures shall remain in place until all repairs are properly cured per manufactures specifications.

Confined Space Entry

The Contractor shall be responsible for providing all equipment (including ventilation) and certified personnel necessary to comply with OSHA confined spaces regulations.

Preparation

Contractor shall verify condition and locations of areas to be injection grouted as identified by the Project Manager, ensuring the proper material and procedures are used. If multiple grouting product types are needed to complete the site-specific repair, Contractor is expected to select and apply the products per manufactures specifications.

Injection grouting of pipes and structures:

1. Install barriers and/or methods for dewatering (if necessary) prior to beginning work.
2. At each location identified for injection grouting for pipes, Contractor shall drill for the installation of injection ports. Ports shall be 3/8" diameter and installed along the circumference of the pipe with spacing between 18"-24". For injection grouting of structures, ports shall be placed every 18"-24" both vertically and horizontally along each wall of the structure.
3. After drilling is complete and prior to insertion of ports Contractor shall clean and flush injection ports with clean water.
4. Application specific material, meeting the specifications herein, shall be properly mixed with water or the appropriate catalyst per manufactures specifications (if necessary) to complete the reaction.
5. Injection grouting shall be performed by starting at the lowest port, injecting the product through the ports at the manufactures recommended pressures, until material flows out of adjacent ports. Continue working from lowest to highest ports until the entire joint/structure is injected and product is visibly flowing in all ports.
 - i. Contractor shall apply jute oakum or backer rod as needed to form a containment dam to prevent excessive grout from entering the work area.
 - ii. Injection pressures must be monitored to prevent damage to existing infrastructure.
 - iii. Contractor shall inject as much grout as is required to seal any leaks and fill voids (if present). No more than 20 gallons of grout shall be pumped into a single location. If a location requires more than 20 gallons of grout to achieve an effective seal, the Project Manager shall be notified and shall approve any additional pumping of grout.
6. After grouting of each location is completed, Contractor shall remove grout ports and plug holes with a non-shrink grout or epoxy sealer.
7. Once work is complete, the area must be cleaned up and/or water pumped out before methods for dewatering are removed.

Injection grouting for soil stabilization:

Soil stabilization shall be performed by pumping the Type 1 hydrophobic polyurethane resin or approved equal into the underlying soils as directed by the construction plans, Engineer and per manufacturers recommendations. Materials shall not be applied to the surface of soil.

Protection and Cleanup

The Contractor shall be responsible for storage, clean-up, and removal from the work area all debris, waste, residual repair materials, and by-products generated by the preparation and application operations to the satisfaction of the City. The Contractor shall dispose of these wastes in strict compliance with all applicable state, local, and Federal environmental statutes, and regulations. It shall be the Contractor's responsibility to report and take appropriate corrective actions to remediate any violations of local, state or federal regulations resulting from grouting operations. The cost for such remediation shall be at the Contractor's expense.

Warranty

Following the date of the Project Manager’s final acceptance of all work under a given project, the Contractor shall provide a **one (1) year warranty** on materials and workmanship against patent and latent defects arising from faulty materials, faulty workmanship, or Contractor negligence pertaining to this contract item. All defective material and workmanship that fails to meet the requirements of this contract item during the warranty period shall be corrected by the Contractor for contract item compliance at no additional expense to the City.

6.0 MEASUREMENT AND PAYMENT

The unit price shall include the cost of furnishing all labor, materials, and equipment to satisfactorily complete the work as specified. Injection grouting of pipes, structures and soil stabilization shall be paid for by the gallon of material needed to complete the work.

The quantity of material to be paid for shall be the actual quantity used, based on the contract unit price shown on the bid form. Contractor and the Project Manager shall agree on the number of gallons injected utilizing a daily grout log. Only those items shown on the bid sheet shall be paid for directly. All other labor, tools, equipment, and incidentals including but not limited to grout ports, backer rod and jute oakum necessary for the completion of the project shall be considered incidental to the contract bid items.

Payment will be made under:

Injection Grouting of Pipes.....	GN
Injection Grouting of Structures.....	GN
Injection Grouting for Soil Stabilization.....	GN

7.0 FINAL ACCEPTANCE AND QUALITY CONTROL

The City will conduct a CCTV inspection of the repairs within the 1 year warranty period. Any repairs completed under this specification that are observed to have infiltration shall be re-worked at no cost to the City. After the Contractor has been notified of such infiltration, the Contractor shall have 60 calendar days to complete the work.

3. PROPOSAL CONTENT AND FORMAT.

The City desires all Proposals to be identical in format in order to facilitate comparison. While the City's format may represent departure from the Company's preference, the City requires strict adherence to the format. All Forms and Questionnaires shall be found and submitted in the City's Procurement Portal. The Proposal shall be submitted in the format described below:

- A. Proposed Solution;
- B. Required Forms;

3.1. Proposal Content.

3.1.1. Proposed Solution.

Given the purpose of this Project and the City's goals as stated in this RFP, provide a creative solution to meet such goals. **For each component of the Project described in Section 3, state whether and how your Proposed Solution complies as well as any additional information requested.** If you wish to add supplemental information, it shall be labeled "Supplemental Information."

3.1.2. Required Forms.

To be deemed responsive to this RFP, Companies must complete all Proposal Forms listed in the Requested Information section on the Procurement Portal

3.1.3. Acknowledgements.

To be deemed responsive to this RFP, Companies must complete all Acknowledgements listed in the Requested Information section on the Procurement Portal.

3.1.4. Exceptions to the RFP.

Companies must review Section 1.6.16 for an overview of Exceptions to the RFP. If you elect to take Exceptions to the RFP, including the Sample Contract, then you must upload a redlined version under the Acknowledgement Section in the Procurement Portal. If exceptions are not identified by way of an uploaded redline version, then they may not be considered during Contract negotiation and could result in Proposal being rejected from further consideration.

4. PROPOSAL EVALUATION CRITERIA.

Proposals will be evaluated based on the Company's ability to meet the performance requirements of this RFP. This section provides a description of the evaluation criteria that will be used to evaluate the Proposals. To be deemed responsive, it is important for the Company to provide appropriate detail to demonstrate satisfaction of each criterion and compliance with the performance provisions outlined in this RFP. The Company's Proposal will be the primary source of information used in the evaluation process. Proposals must contain information specifically related to the proposed Services and requested herein. Failure of any Company to submit information requested may result in the elimination of the Proposal from further evaluation.

Proposals will be assessed to determine the most comprehensive, competitive and best value solution for the City based on, but not limited to, the criteria below. The City reserves the right to modify the evaluation criteria or waive portions thereof. Proposals will be evaluated on the following major categories:

Technical Approach and Methodology (20 Points)

- Demonstrated understanding of injection grouting applications and techniques
- Appropriateness of proposed materials and methods for city's infrastructure
- Quality and comprehensiveness of the proposed work plan
- Innovation and effectiveness of proposed solutions
- Quality control and testing procedures

Experience and Qualifications (20 Points)

- Company experience with similar injection grouting projects
- Qualifications and experience of key personnel
- Demonstrated success in similar infrastructure rehabilitation projects
- References from previous clients for similar work
- Industry certifications and specialized training

Equipment and Resources (10 Points)

- Availability and condition of specialized injection grouting equipment
- Range of grouting materials and technologies offered
- Capacity to handle multiple projects simultaneously
- Laboratory and testing capabilities
- Maintenance and calibration procedures for equipment

Project Management and Scheduling (10 Points)

- Proposed project management approach
- Responsiveness and availability for emergency situations
- Scheduling methodology and resource allocation
- Communication protocols and reporting procedures
- Quality of project documentation and record-keeping

Cost Proposal (30 Points)

- Competitiveness of pricing
- Clarity and transparency of cost structure
- Cost-saving approaches or alternatives
- Completeness of pricing for all required services

Warranty and Support (10 Points)

- Length and comprehensiveness of warranty
- Post-project support services
- Responsiveness to warranty claims
- Quality of documentation and as-built records
- Long-term maintenance recommendations