



Request for Proposals # 274-SSFM-310-5210

Title: Sanitary Sewer Flow Monitoring

Issue Date: October 31, 2025

Due Date: December 9, 2025 no later than 5:00PM EST

LATE PROPOSALS WILL NOT BE ACCEPTED

Issuing Department: *Raleigh Water*

Direct all inquiries concerning this RFP to:

Alexander Justel Betancourt

Asset Management Engineer

Email: alexander.justel@raleighnc.gov

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1 INTRODUCTION

1.1 Purpose

The City of Raleigh (COR) is soliciting proposals from one or more firm(s) with which to contract for the following services:

The City of Raleigh (COR) is soliciting proposals from one or more firm(s) with which to contract for the following services: Manage the utility's wastewater flow monitoring network, which includes 52 permanent flow monitors, 5 level only monitors, 1 rain gauge, and a web-based monitoring application.

A detailed scope of services is provided in Section 4 of this document.

All information related to this solicitation, including any addenda, will be posted to the North Carolina electronic Vendor Portal (eVP) at <https://evp.nc.gov/>.

All questions related to this solicitation must be submitted in writing (via email) to the following individual – questions submitted via telephone will not be answered:

Contact Name	Email Address
<i>Alexander Justel Betancourt</i>	alexander.justel@raleighnc.gov

1.2 Background

The City of Raleigh, the Capital City of North Carolina, remains one of the fastest growing areas in the country. A great economy, top educational institutions, and exceptional health care facilities are some of the characteristics that attract people to the triangle area. The mild climate, diverse work force and proximity to Research Triangle Park combine to make Raleigh a great place to live.

Raleigh is a 21st Century City of Innovation focusing on environmental, cultural, and economic sustainability. The City conserves and protects our environmental resources through best practice and cutting-edge conservation and stewardship, land use, infrastructure and building technologies. The City welcomes growth and diversity through policies and programs that will protect and enhance Raleigh's existing neighborhoods, natural amenities, history, and cultural and human resources for future generations. The City leads to improve quality of life for neighborhoods and standard of living for all citizens. The City works with universities, colleges, citizens, and local partners to promote new technology, create new job opportunities, and encourage local businesses and entrepreneurs. The City enlists and prepares 21st Century staff with the skill sets to carry out the duties of the City through transparent civic engagement and by providing the very best customer service to our citizens.

The utilities flow monitoring network is utilized to help direct sanitary sewer operation and maintenance activities, calibrate wastewater hydraulic modeling efforts, and measure the effectiveness of sanitary sewer rehabilitation projects.

1.3 **Request for Proposal (RFP) Timeline**

Provided below is a list of the anticipated schedule of events related to this solicitation. The City of Raleigh reserves the right to modify and/or adjust the following schedule to meet the needs of the service. All times shown are Eastern Time (EST):

RFP Process	Date and Time
RFP Date	10-31-2025
Pre-Proposal Meeting (Mandatory)	11-18-2025 at 11:00 a.m.
Deadline for Written Questions	11-21-2025
City Response to Questions (anticipated)	12-01-2025
Proposal Due Date and Time	12-09-2025 at 5:00 p.m.

1.4 **Pre-Proposal Conference**

If the City of Raleigh elects to conduct a Pre-Proposal Conference or Site Visit, attendance by prospective proposers is mandatory. Prospective Proposers are encouraged to submit written questions in advance. Date, time, and location of pre-proposal conference is shown above in the RFP Timeline (Section 1.3).

Note: Pre-Proposal meeting will be held virtually, please E-mail alexander.justel@raleighnc.gov and CC Janeen.goodwin@raleighnc.gov to request a meeting invite link.

1.5 **Proposal Questions**

Requests for clarification and questions to this RFP must be received by the City not later than the date shown above in the RFP Timeline (Section 1.3) for the submittal of written inquires. The firm's failure to request clarification and submit questions by the date in the RFP Timeline above shall be considered to constitute the firm's acceptance of all City's terms and conditions and requirements.

The City shall issue addenda reflecting questions and answers to this RFP, if any, and shall be posted to North Carolina electronic Vendor Portal ([eVP](#)). No information, instruction or advice provided orally or informally by any City personnel, whether made in response to a question or otherwise in connection with this RFP, shall be considered authoritative or binding. Proposers can only rely on written material contained in an Addendum to this RFP.

It is important that all Proposers submitting to this RFP periodically check [eVP](#) for any Addenda. It is the Proposers responsibility to ensure that all addenda have been reviewed and, if required signed and returned.

All questions related to this solicitation must be submitted in writing (via email) to the following individual – questions submitted via telephone will not be answered:

Contact Name	Email Address
Alexander Justel	alexander.justel@raleighnc.gov

1.6 **Proposal Submission Requirements and Contact Information**

Proposals must follow the format as defined in Section 2 (PROPOSALS), and be addressed and submitted as follows:

Proposals must be electronically submitted via email with the subject line clearly marked with the name of the submitting company, the RFP number, and the RFP Title. Submittals must follow the format as defined in Section 2 Proposal and be addressed and submitted as follows:

Proposers shall attach one (1) signed original electronic version of the Proposal to an email to alexander.justel@raleighnc.gov. The electronic version of the Proposal must be submitted as a viewable and printable Adobe Portable Document File (PDF) format.

The electronic submittal must be received by the City on or before the RFP date and time provided in Section 1.3 RFP Timeline, and each firm should make sure they receive an email indicating receipt of the submittal by the City prior to the deadline. Proposals received after the RFQ deadline above will not be considered and will be returned.

Proposers must respond to the entire Request for Proposals (RFP). Any incomplete proposal may be eliminated from competition at the discretion of the City of Raleigh. The City reserves the right to reject any or all proposals for any reason and to waive any informality it deems in its best interest.

Proposals that arrive after the due date and time will not be accepted or considered for any reason whatsoever. It is the responsibility of the firm to ensure that their proposal arrives by the due date and time specified in the RFP Timeline (Section 1.3).

1.7 **Business Engagement & Opportunities**

The City of Raleigh maintains processes to conduct business with all business enterprises, including small, emerging, growing, under-capitalized, and under-resourced firms or organizations.

1.8 **Rights to Submitted Material**

All proposals and supporting materials, as well as correspondence relating to this RFP, shall become the property of the City. The content of all submittals will be held confidential until the selection of the firm is made. Proposals will be reviewed by the Evaluation Team, as well as other City staff and members of the general public who submit public record requests. ***Any proprietary data must be clearly marked.*** In submitting a Proposal, each Prospective Proposer agrees that the City may reveal any trade secret materials contained in such response to all City staff and City officials involved in the selection

process and to any outside consultant or other third party who serves on the Evaluation Team or who is hired by the City to assist in the selection process.

Proposals marked entirely as “confidential”, “proprietary”, or “trade secret” will be considered non-responsive and will be removed from the evaluation process.

1.9 Communications

All communications of any nature regarding this RFP with any City staff, elected City officials, evaluation committee members, are strictly forbidden from the time the solicitation is publicly posted until award. Questions must be submitted in writing to the individual designated in Section 1.1 (Purpose), prior to the deadline provided in the RFP Timeline (Section 1.3). Violation of this provision may result in the firm’s proposal being removed from consideration.

1.10 Lobbying

By responding to this RFP, the firm certifies that it has not and will not pay any person or firm to influence or attempt to influence an officer or employee of the City or the State of North Carolina, or any elected official in connection with obtaining a contract as a result of this RFP.

1.11 Conflicts of Interest

City of Raleigh contracts are controlled by three conflict of interest provisions.

First, federal procurement standards provide in 2 CFR 200.318 (c)(1),

No employee, officer, or agent may participate in the selection, award, or administration of a contract supported by a Federal award if he or she has a real or apparent conflict of interest. Such a conflict of interest would arise when the employee, officer, or agent, any member of his or her immediate family, his or her partner, or a firm which employs or is about to employ any of the parties indicated herein, has a financial or other interest in or a tangible personal benefit from a firm considered for a contract. The officers, employees, and agents of the non-Federal entity may neither solicit nor accept gratuities, favors, or anything of monetary value from contractors or parties to subcontracts.

Similarly, the North Carolina General Statutes provides a *criminal* statute for conflicts of interest in public contracting. N.C.G.S. § 14-234(a):

(1) No public officer or employee who is involved in making or administering a contract on behalf of a public agency may derive a direct benefit from the contract except as provided in this section, or as otherwise allowed by law. (2) A public officer or employee who will derive a direct benefit from a contract with the public agency he or she serves, but who is not involved in making or administering the contract, shall not attempt to influence any other person who is involved in making or administering the contract. (3) No public officer or employee may solicit or receive any gift, favor, reward, service, or promise of reward, including a promise of future employment, in exchange for recommending, influencing, or attempting to influence the award of a contract by the public agency he or she serves.

City of Raleigh Charter Section 3.9 regulates private transactions between the City and its officials and employees. The Charter states:

No member of the City Council, official, or employee of the City of Raleigh shall be financially interested, or have any personal beneficial interest, either directly or indirectly, as agent, representative, or otherwise, in the purchase of, or contract for, or in furnishing any materials, equipment or supplies to the City of Raleigh, nor shall any official or employee of the City of Raleigh accept or receive, or agree to accept or receive, directly or indirectly, from any person, firm or corporation to whom any contract may be awarded or from whom any materials, equipment or supplies may be purchased by the City of Raleigh, by rebate, gift, or otherwise, any money or anything of value whatsoever, or any promise, obligation or contract for future reward or compensation, for recommending or procuring the uses of any such materials, equipment or supplies by the City of Raleigh; no member of the City Council, official or employee of the City of Raleigh shall for his own personal benefit operate, directly or indirectly, any concession in any building or on any lands of the City of Raleigh, nor shall any official or employee of the City of Raleigh bid for or be awarded any contract granting concessionary rights of any nature or kind from the City of Raleigh; it shall be unlawful for any member of the City Council, official or employee of the City of Raleigh to bid for or to purchase or to contract to purchase from the City of Raleigh any real estate, equipment, materials, or supplies of any nature or kind whatsoever, either directly or indirectly, at either public or private sale, either singly, or through or jointly with any other person.

1.12 Proposer Expenses

The City of Raleigh will not be responsible for any expenses incurred by any Proposer in the development of a response to this Request for Proposal or any other activities associated with this procurement including but not limited to any onsite (or otherwise) interviews and/or presentations, and/or supplemental information provided, submitted, or given to City of Raleigh and/or its representatives. Further, the City of Raleigh shall reserve the right to cancel the work described herein prior to issuance and acceptance of any contractual agreement/purchase order by the recommended Proposer even if the awarding authority for each entity has formally accepted a recommendation.

1.13 Proposer Acceptance

Submission of any proposal indicates a Proposer's acceptance of the conditions contained in this RFP. Furthermore, the City of Raleigh is not bound to accept a proposal on the basis of lowest price, and further, the City has the sole discretion and reserves the right to cancel this RFP, and to reject any and all proposals, to waive any and all informalities and/or irregularities and reserves the right to re-advertise this RFP with either the identical or revised scope and specifications if it is deemed to be in the best interests of the City to do so.

The City of Raleigh reserves the right to accept or reject any or all of the items in the proposal, and to award the contract in whole or in part and/or negotiate any or all items with individual Proposers if it is deemed in the best interest of the City to do so. Moreover, the City reserves the right to make no selection if proposals are deemed to be outside the fiscal constraint or not in the best interest of the City.

2 PROPOSALS

Submitted proposals must follow the format outlined below. The City may reject as non-responsive at its sole discretion any proposal that does not provide complete and/or adequate responses or departs in any substantial way from the required format.

2.1 **Request for Proposals Required Document Format**

Proposals should be on 8-1/2" x 11" (A4-sized) paper, printed on both sides, bound with only removable clips or staples (no 3-ring binders), and divided into sections using tabs to easily identify and separate each section as follows:

2.1.1. **Section/Tab 1: Cover Letter**

Provide an introduction letter summarizing the unique proposal of your firm to meet the needs of this service requirement. This letter should be presented on the firm's official letterhead and signed by an authorized representative who has the authority to enter into a contract with the City on behalf of the firm. Additionally, include the name, address, telephone and email address of the individual who serves as the point of contact for this solicitation.

2.1.2. **Section/Tab 2: Corporate Background and Experience**

Include background information on the firm and provide detailed information regarding the firm's experience with similar projects. Provide a list of all similar contracts performed in the past three (3) years, accompanied by at least three (3) references (contact persons, firm, telephone number and email address).

Include the total amount invoiced for each listed project, the length of the project, and list of those involved in the project who are also proposed for the subject project named in this solicitation. Failure to provide a list of all similar contracts in the specified period may result in the rejection of the firm's proposal. The evaluation team reserves the right to contact any or all listed references, and to contact other public entities regarding past performance on similar projects.

2.1.3. **Section/Tab 4: Project Understanding, Approach and Schedule**

Provide a comprehensive narrative, outline, and/or graph demonstrating the firm's understanding and approach to accomplishing the tasks outlined in the Scope of Work section of this RFP. A description of each task and deliverable and the schedule for accomplishing each shall be included.

2.1.4. **Section/Tab 5: Team Firm, Experience and Certifications**

This section must include the proposed staffing, deployment and firm of personnel to be assigned to this project. The Proposer shall provide information as to the Proposals and experience of all executive, managerial, legal, and professional personnel to be assigned to this project, including resumes citing experience with similar projects and the responsibilities to be assigned to each person. A project-specific firm chart which clearly

illustrates the roles, responsibilities, and the reporting relationships of each team member should be included.

2.1.5. Section/Tab 6: Cost

The Proposal Cost Form and any additional itemized cost breakdown or price schedule will be provided electronically attached to the Proposal PDF. Hourly rates shall be fully burdened to include all costs, all applicable overhead and profit (including lodging, meals, and transportation). Attach any additional pricing details.

2.2 RFP Documents

This RFP is comprised of the base RFP document, any attachments, and any addenda released before the contract is awarded. All attachments and addenda released for this RFP in advance of any contract award are incorporated herein by reference.

3 PROPOSAL EVALUATION

3.1 Proposal Evaluation Criteria (Stage 1)

This is not a bid. There will not be a public opening. The proposals received in response to this RFP will be evaluated and ranked by the evaluation committee in accordance with the process and evaluation criteria contained below. Responses will be evaluated in light of the material and substantiating evidence presented in the response and not based on what is inferred. After thoroughly reading and reviewing this RFP, each evaluation committee member shall conduct his or her independent evaluation of the proposals received and grade the responses on their merit in accordance with the evaluation criteria set forth in the following table.

The maximum interview/demonstration points a Proposer can receive is five (5) points. The Proposers selected for interviews/demonstrations under this section will be notified in writing of the date and time. The Proposers' interview/demonstrations shall be based solely upon information provided in each Proposer's original proposal. No new information may be presented.

Criteria	(a) Weight	(b) Score (0-3)	(a) x (b) Weighted Score
Corporate Background and Experience	15		
Project Understanding	25		
Project Approach	20		
Team Firm Experience	20		
Proposed Cost	20		
Total Score (without Interview/Demonstrations)			
Interview/Demonstration (if applicable)	(1-5 points)		

Final Score (with Interview/Demonstrations)	
--	--

Score Points

- | | |
|---|------------------------|
| 0- Missing or Does Not Meet Expectation | 2- Meets Expectation |
| 1- Partially Meets Expectation | 3- Exceeds Expectation |

Cost Formula: The cost criterion is rated by giving the proposal with the lowest total cost the maximum number of Cost points available. The remaining proposals are rated by applying the following formula:

$$1 - \frac{B - A}{A} \times C = D$$

- A—the lowest Proposer’s cost.
- B—the Proposer’s cost being scored.
- C—the maximum number of cost points available.
- D—Proposer’s cost score (points).

Note: If the formula results in a negative number (which will occur when the Offeror’s cost is more than twice the lowest cost), zero points shall be assigned.

3.2 Interview/Demonstration (Stage 2)

A short-list of firms may be invited to Stage 2, Interview/Demonstration, step of the evaluation process. Interview/demonstrations are an important aspect of the evaluation process that offers the City an opportunity to see how the proposer’s solution meets the critical components of the RFP.

3.3 Final Selection

Proposals will be evaluated and ranked according to the criteria and weighted values set forth in Section 3.1. Either a final selection for recommendation will be made at this time or the short-list of firms will be invited to participate in Stage 2 of the evaluation process. If Stage 2 is implemented, each firm will be evaluated and assigned a score to determine the best firm for recommendation.

After which negotiations of a contract with the most qualified firm will commence. If negotiations are unsuccessful, the City will then pursue negotiations with the next most qualified firm. All Proposers will be notified of their standing immediately following the City’s decision.

The City shall not be bound or in any way obligated until both parties have executed a contract. The City also reserves the right to delay the award of a contract or to not award a contract.

3.4 Notice to Proposers Regarding RFP Terms and Conditions

It shall be the Proposer’s responsibility to read the RFP Instructions, the City’s contract terms and conditions (within the sample City Service Contract provided in Appendix IV), all relevant exhibits, attachments, and any other components made a part of this RFP and comply with all requirements and specifications herein. Proposers are also responsible

for obtaining and complying with all Addenda and other changes that may be issued in connection with this RFP.

3.5 Contract Term

The Contract shall have an initial term of 1 year, beginning on the date of the Contract award (the “Effective Date”). At the end of the Contract’s current term, the City shall have the option, in its sole discretion, to renew the Contract on the same terms and conditions for up to a total of 4 additional one-year terms. The City will give the Contractor written notice of its intent whether to exercise each option no later than 30 days before the end of the Contract’s then-current term. In addition, the City reserves the right to extend a contract term for a period of up to 180 days in 90-day-or-less increments.

4 SCOPE OF SERVICES

4.1 General

Awarded Contractor shall provide services, all as set forth in this RFP and more particularly described in this Section 4.

The City currently receives data from a permanent ADS flow, level and rainfall network. The data is accessible through wireless communication and includes alarming, reporting and data sharing through ADS FlowView/PRISM cloud-based data platform web-based software suite. The installed network consists of the following:

- 52 Triton+ Intrinsically Safe (IS) area velocity flow monitors with CS4 sensors (ultrasonic depth, redundant pressure depth and Doppler velocity sensors)
- 5 ECHO level monitors
- 1 RainAlert III rain gauge
- ADS web-based FlowView/ADS Prism software

The 52 Triton+ area velocity flow monitors and 1 RainAlert III rain gauge are owned and maintained by the current Contractor, ADS. The 5 ECHO level monitors are owned and maintained by the City.

Contractor owned equipment will be removed 30 days after the end of the current contract, should the City fail to execute a new contract or extension.

4.2 Equipment Specifications

New flow monitors that are provided as part of this contact shall be ADS Triton + or City approved equal. Monitors shall be equipped with ultrasonic depth, redundant pressure depth and Doppler velocity sensors.

New level monitors that are provided as part of this contract shall be ADS ECHO or City approved equal.

New rain gauges that are provided as part of this contract shall be ADS RainAlert III or City approved equal.

If suggesting an alternate flow monitor, level monitor, or rain gauge, please request pre-approval prior to the end date of the RFP.

Permanent power is not available at any of the flow monitoring sites. All of the sites transmit data wirelessly through cellular modems. The Contractor shall supply all hardware for each monitoring location.

4.3 Comprehensive Field Services

Contractor shall be a comprehensive operations, installation, removal, preventive maintenance and repair services plan for the existing flow and rainfall monitoring network.

The Contractor shall repair and carry out all preventative maintenance services needed for the reliable operation of the monitor sites per the stated uptime requirements.

The repair and maintenance services shall include but is not limited to: resolving communication issues, sensor cleaning and replacement, replacement of power sources (batteries), monitors failures, and all other components necessary for the monitor sites to provide reliable and consistent data to the City.

These services must be in accordance with the manufacturers design specifications or through best practices developed by the Contractor through experience with the installed equipment, and in support of the Data Analyst, Field Manager and the Contractor's Project Manager.

Contractor will investigate perceived malfunction or monitor or communication equipment within two (2) business days of discovery of the malfunction by the Data Analyst. Contractor will repair or replace any malfunctioning equipment within three (3) business days of the initial field investigation.

The Contractor will notify the City upon completion of the new or relocated initial installations. The City will then have 5 days to notify the Contractor in writing of acceptance of installations which will provide a start date of the annual maintenance section of the contract.

Manual data collection shall be provided weekly for sites with data transmission problems, the data shall be posted/reported within two working days of collection.

Field confirmations will be completed in accordance with Section 4.9.

The Contractor shall provide all spare parts at the Contractor's expense to maintain the equipment. Only factory authorized spare parts and batteries conforming to manufacture's specifications shall be used as replacement items and must not void IS rating of monitors located in sanitary sewers. Those spare parts shall be maintained at the Contractor's closest office to the project site.

The Contractor and City shall correspond on a monthly basis, or more frequently as mutually agreed by the City and Contractor, to plan and verify maintenance/service activities for the following workday and report on conditions and activities from the previous workday. The City shall notify the Contractor when mainline or pump station wet well cleaning is planned.

The Contractor shall comply with the requirements of OSHA, and the City of Raleigh Safety requirements. The Contractor shall identify and designate a corporate safety representative to ensure compliance with safe working procedures. These duties shall include but not be limited to: site inspections, incident investigation, employee training, preparation and updating site specific safety and health plans, preparation of Job Safety Analysis (JSA), enforcement of safety requirements, and reports as required OSHA and the City. Upon request, the Contractor shall submit a copy of its safety manual and evidence that they maintain and enforce quality processes and safety standards for all field service work.

The Contractor shall be responsible for providing all traffic control associated with installation and maintenance activities associated with this contract.

4.4 Remote Access and Flow Monitor Data Collection

The Contractor shall provide a method for remote access to the flow and depth monitors and rain gauges. The Contractor shall install all remote access equipment and ensure it is operational.

The Contractor shall pay all charges for wireless service.

The Contractor shall provide software to communicate with the equipment as specified in Section 4.2.

The monitor raw data will be pushed wirelessly from the monitors to the Web-hosted software system (see Section 4.7) on an hourly basis. The data will then be available for the City to utilize an API to pull the raw data into other City software programs of its choosing.

More frequent data collection may be initiated by the City through the Data Management system (see Section 4.7).

4.5 Monitoring System Uptime

The Contractor shall provide a system-wide uptime of 95% or greater. Uptime is defined as number of valid 15-minute flow data points divided by total number of 15-minute intervals in the month.

If system-wide uptime requirements are not met, the amount due the Contractor will be reduced. The payment due will be calculated monthly, based on verified performance (as reported by the Contractor). Payment would then be authorized as follows:

% of Monthly Uptime

% of Normal Monthly Amount Payable

>= 95	100%
<95 and >= 90	90%
<90 and >= 80	75%
<80 and >= 70	50%
<70 and >= 60	25%
<60	0%

4.6 Data Analysis

The City understands that flow data collected from a wastewater environment requires review for accuracy, issuing of work orders to maintain equipment, and identification and editing of data irregularities.

The Contractor shall verify and certify that raw data (depth, velocity and flow), for each monitor site, is accurate, unchanged, continuously on-line, and is accessible by City staff members.

The Data Analyst will visually review the dashboard daily for monitor/data issues that may require service, including the following:

- Data Anomalies
- Communications link failures
- Battery Status
- Alarm status
- Blockage Detections

Based on the review of the data, the Data Analyst will determine if maintenance is necessary. Should maintenance be required, the Data Analyst will issue a work order. All work orders will be delivered to the Contractor's local field office for scheduling and include the following:

- The Data Analyst shall work with Contractor field crews during flow verifications and maintenance activities.
- The Data Analyst shall notify Project Manager and the City on issues of monitor replacements and data anomalies.
- The Analyst shall perform all analytical tasks necessary for cleaning sensor spikes, addressing flow drifts, calculating flow components, hydraulic trending, mass flow balancing, scattergraph analysis and other analysis related to calibrating the data.
- The Data Analyst shall monitor the data being transmitted from the monitor sites and shall carry out a diagnostic inspection of the data to ensure that the monitor site is connected to the monitoring system and that the data that is provided is reliable and consistent data.

A Data Analyst shall be available as-needed to provide ad-hoc analysis, resolve issues, editing, answer questions, and reporting during critical time sensitive events (e.g. rain events, lab requests, facility shutdowns, etc).

Initial data editing shall be performed by a trained and knowledgeable Data Analyst with a minimum of two (2) years of direct project experience analyzing sewer flow data. Final

flow monitoring data will be reviewed and confirmed by a trained and knowledgeable Data Analyst with a minimum of five (5) years' experience. The Data Analyst will be available during normal work (0900 hours to 1700 hours EST/EDT) hours.

4.7 Data Analysis Web-hosted Data Management System

The web-based data management system shall be FlowView/PRISM by ADS or City approved equal. If suggesting an alternate web-based data management system, please request pre-approval prior to the end date of the RFP. The web-based data management system will compile the flow monitoring data, including generating graphs and accessing reports prepared by the Contractor.

The Contractor shall be responsible for system maintenance, data uploads, developing custom reports, database maintenance, software direct repairs, purchasing any computers, third-party software licenses, hosting the application, maintaining the physical system, ensuring network security, and providing reliable access to the system.

Backup copies of raw data shall be maintained and, if requested, delivered to the City by the Contractor for the duration of the contract.

The Contractor shall provide training on the use of the data management software to the City. The Contractor shall provide an outline; handouts; operating, repair and parts manuals for the training on procedures for data viewing, exporting/important and reporting. The Contractor shall provide telephone support to the City using personnel experienced in troubleshooting problems with the specified software.

4.8 New or Relocated Monitor Site Selection, Investigation and Installation

The Contractor shall work with the City to select sites for the installation or relocation of all equipment as required.

Each site shall be inspected to determine hydraulic suitability. This shall require a full manhole descent to ensure an adequate inspection. A topside inspection alone shall not be satisfactory.

The Contractor shall install equipment in optimum locations for best accuracy and reliability. A Site Report for each installed location shall be provided for approval by the City's Project Manager.

The Site Report should include, but not be limited to the following:

- The initials of the person who performed the inspection
- The city and project name
- The model of flow monitor recommended
- A placeholder for the serial number of flow monitor
- The City's FacilityID, a unique identifier, for the manhole
- The type of collection system - Sanitary/Storm/Combined
- House address or a short description of the site location
- The measured height and width of the pipe to be monitored

- A copy of an electronic, small-scale, detailed map with street names and house numbers (if possible) of the immediate area where you will locate the monitor
- A road or landmark from the access map and upstream and downstream manholes with the sewer line and flow direction
- The date and time the site inspection was performed
- A topside inspection of each up and downstream manhole location with any hydraulic inconsistencies recorded on the inspection form
- Recorded depth of flow, velocity and silt at time of inspection
- The depth from the manhole rim to the invert
- The type of manhole material indicating whether loose bricks, broken rungs, cracked rim or cover, or slippery walls exist on the invert or apron
- The presence of all drop or side connections
- The type of pipe material
- Digital photos shall be taken of each selected site and alternate sites. One photo shall be taken of the area where the manhole is located. One photo shall be a planar view of the manhole invert showing the flow through the manhole from a north orientation. In addition, in-line photos shall be taken of all contiguous lines.

The Contractor may recommend that a designated monitoring location be changed to take advantage of more favorable hydraulics at upstream or downstream locations.

Site inspections shall include the accurate measurement of the pipe or channel geometry, silt, and the recommended location for the installed equipment for use in flow calculations. The Contractor shall not rely on as-built drawings for the determination of pipe geometry.

The Contractor shall submit a digital copy of each Site Report to Owner for review and comment. If requested, Contractor shall provide comments to the initial submittal. Contractor shall allow 2 business days for each review.

4.9 Confirmation of Data Accuracy

The term “confirmation” is used to describe the verification that the flow monitor is properly configured to its environment and the pipe curve is stable and validated by two independent field measurements. A valid confirmation is where the field accuracy of a given depth measurement and average velocity is within two standard deviations of the final data set.

Contractor shall maintain valid confirmations at all times at each site during the term of the contract.

The City will require the Contractor to perform a minimum of two (2) manual depth and velocity measurements (Confirmations) at each site in order to confirm that the sensors are accurately recording depths and velocities.

A field confirmation may also be required if the City or Data Analyst determines that the data is not reliable.

As a minimum requirement, confirmation of sensor accuracy shall be measured in the Owner's sewers at every site on a quarterly basis.

Method of confirmation:

- Initial confirmation of the flow monitors shall involve a minimum of two (2) in manhole measurements taken on different days. These initial confirmations shall be obtained within three months of new monitor installation and will compare manual readings to sensor readings for all depth and velocity sensors. Attempts shall be made to have these measurements done at flow levels that span typical dry daily flows.
- The confirmation checks shall be summarized in depth-to-discharge format on tables. Each confirmation shall consist of an instantaneous depth of flow and velocity measurement. This shall be compared to the real-time monitor reading and recorded.
- The instantaneous depth of flow measurement shall be taken from the bottom of the pipe to the top of the flow as well as from the crown of the pipe to the top of the flow and both results shall be recorded.
- A velocity profile or a direct flow measurement shall be attempted at all flow sites. These measurements shall be recorded on the confirmation report.
- There will be a manual depth reading for silt which will be recorded on the confirmation report.

4.10 Allowance for Additional Services, Equipment, and Material

The City intends to include a \$50,000 annual allowance for miscellaneous services, equipment, and material including, but not limited to, flow monitor relocation, level monitor relocation, level monitor purchase, and additional temporary monitors. The City requests unit prices be included in Appendix I to relocate flow monitors, relocate level monitors, level monitors, and provide temporary monitoring.

APPENDIX I

PROPOSAL COST FORM

The awarded proposer shall perform the services to be performed as set forth in this RFP and more particularly described in Section 4 for a not to exceed total amount of:

\$ _____.

Attach proposal cost itemization or breakdown to this Appendix I Proposal Cost Form.

Proposer/Company Name: _____

Authorized Signature _____ Date _____

Signed by: _____
[Type or Print Name]

Title of Signer: _____

APPENDIX II PROPOSER QUESTIONNAIRE

The following questions must be answered, and data given must be clear and comprehensive. If necessary, questions may be answered on separate sheets. The Proposer may submit any additional information desired.

Company Name:		d/b/a (if applicable)	
Street / PO Box:			
City:		State:	Zip:
Phone:	Fax:	E-Mail:	
Website (if applicable):			
<input type="checkbox"/> Sole Proprietor <input type="checkbox"/> Partnership <input type="checkbox"/> Corporation <input type="checkbox"/> Other			
Number of years in business under company's present name:			
Fed Tax ID #:	DUNS #		
Are you registered with the North Carolina Secretary of State to conduct business (if required)? (Check One) YES: <input type="checkbox"/> NO: <input type="checkbox"/> Not Applicable: <input type="checkbox"/>			
Are you properly licensed/certified by the Federal and/or State of North Carolina to perform the specified work? YES: <input type="checkbox"/> NO: <input type="checkbox"/> Not Applicable: <input type="checkbox"/> ATTACH COPY OF ALL APPLICABLE LICENSING/CERTIFICATION DOCUMENTS			
Are/will you be properly insured to perform the work? YES: <input type="checkbox"/> NO: <input type="checkbox"/>			
Contact for this Contract:		Title:	
Phone:	Fax:	E-Mail:	
Have you ever defaulted or failed on a contract? (If yes, attach details) YES: <input type="checkbox"/> NO: <input type="checkbox"/>			
List at least three (3) references for which you have provided these services (same scope/size) in the past three years - preferably government agencies. <u>Do not include City of Raleigh as a reference to meet the requirement of listing at least (3) references.</u>			
1.	Company:		
Contact Person:		Title:	
Phone:	Fax:	E-Mail:	
Describe Scope of Work:			
2.	Company:		
Contact Person:		Title:	
Phone:	Fax:	E-Mail:	
Describe Scope of Work:			
3.	Company:		
Contact Person:		Title:	
Phone:	Fax:	E-Mail:	
Describe Scope of Work:			
4.	Company:		
Contact Person:		Title:	
Phone:	Fax:	E-Mail:	
Describe Scope of Work:			
5.	Company:		
Contact Person:		Title:	
Phone:	Fax:	E-Mail:	
Describe Scope of Work:			
The undersigned swears to the truth and accuracy of all statements and answers contained herein:			
Authorized Signature:		Date:	

APPENDIX III SAMPLE CONTRACT

NORTH CAROLINA
WAKE COUNTY

CONTRACT FOR SERVICES

THIS CONTRACT ("Contract") is entered into by and between _____, hereinafter referred to as the "Contractor", and the City of Raleigh, a North Carolina municipal corporation, hereinafter referred to as the "City".

WITNESSETH:

WHEREAS, the City desires to procure a contractor to perform services; and
WHEREAS, the City has completed necessary steps for retention of professional and other services under applicable City policies; and
WHEREAS, the City has agreed to engage the Contractor, and the Contractor has agreed to contract with the City, for performance of services as described, and according to the further terms and conditions, set forth herein.
NOW THEREFORE, in consideration of sums to be paid to the Contractor, and other good and valuable consideration, the Contractor and City do contract and agree as follows:

1. Scope of Services

The Contractor shall perform for the City the following described services:

-

2. Schedule/Time of Performance

[1.] For a One-time Service Completed by a Specific Date, use the following:]

In performing the services described in this Contract, it is mutually agreed that time is of the essence. The Contract shall be effective upon the date of the City's signature.

The Contractor shall begin work on _____, and work shall be completed no later than _____.

In the event the services under the Contract are not completed by this date, the Contractor shall be assessed liquidated damages of _____ for each day's delay beyond the completion date.

[If liquidated damages are not applicable to this Contract, then remove this paragraph.]

[2.] For Repeated Services Over a Period of Time/Term (without renewal options), use the following:]

In performing the services described in this Contract, it is mutually agreed that time is of the essence. The Contract shall have a term of _____ [written number (X) – example: five (5)] years, beginning on the Effective Date through and including [enter term end date].

[3.] For Repeated Services Over a Period of Time/Term (with Renewal Options), use the following:]

In performing the services described in this Contract, it is mutually agreed that time is of the essence. The Contract shall have an initial term of _____ years, beginning on the Effective Date through and including [enter initial term end date].

Prior to the expiration of the initial term or any subsequent renewal terms, the City shall have the option, in its sole discretion, to renew the Contract on the same terms and conditions as are set forth herein for up to a total of _____ additional one-year terms, for a maximum contract term not to exceed five (5) years. The City shall exercise each such renewal option no later than _____ days before the end of the Contract's then-current term.

The parties acknowledge and agree that a written notice exercising one of the City's renewal options that is sent to the Contractor as an attachment to an e-mail (for example, as a PDF of a letter sent as an attachment to an e-mail), and which

written notice does not contain an original, wet signature or a digital signature, shall nonetheless have the same force and effect as if such written notice contained an original, wet signature or digital signature.

Once the City has decided to exercise a renewal option as provided in this Section, the City hereby authorizes the director of the City department that is responsible for administering this Contract on behalf of the City to execute on behalf of the City the written notice to Contractor that so exercises one of the City’s renewal option(s), and the Contractor shall accept such written notice as the City’s exercise of the applicable renewal option. Notwithstanding anything herein to the contrary, for purposes of providing written notice of the City’s exercise of a renewal option as set forth herein, the parties acknowledge and agree that the City shall submit such written notice to Contractor by e-mail, to the attention of the Contractor representative specified in Section 4 below, “Notices”.

The Contractor shall be responsible for immediately notifying the City in writing of any changes to its contact information in Section 5, “Notices”. The City’s inability to deliver to Contractor written notice of the City’s exercise of a renewal option because Contractor has failed to keep the City informed of any changes to its contact information in Section 5, below, shall not negate the effectiveness or validity of the City’s exercise of any such renewal option if written notice of the same has been timely submitted by the City to the last-known email address that the City has for the Contractor’s representative pursuant to Section 5, below.

3. Compensation; Time of Payment

For services to be performed hereunder, the City shall pay the Contractor a not to exceed total contract amount \$ (\$ for the initial term and \$ for each renewal term if exercised by the City), unless changed by a duly authorized amendment.

[if using option 3 in the Time of Performance section above, enter the total contract amount followed by the sub-total amounts of the initial term and the amount of the renewal options]

[if not using option 3 in the Time of Performance section above, delete the statement in the parenthesis () with the sub-total amounts if the contract doesn’t include optional renewal terms]

- 3.1. The standard City of Raleigh payment term is NET 30 days from the date of invoice.
- 3.2. Send all invoices electronically by email accountspayable@raleighnc.gov (or send by mail to: City of Raleigh, Accounts Payable, PO Box 590, Raleigh, North Carolina 27602-0590).
- 3.3. All invoices must include the following Purchase Order Number _____. Invoices submitted without the correct purchase order number will result in delayed payment.

4. Workmanship and Quality of Services

All work performed under this Contract shall be performed as described in the Scope of Services, above, and in a workmanlike and professional manner, all to the reasonable satisfaction of the City, and shall conform to all prevailing industry and professional standards.

5. Notices

Except as otherwise expressly provided in this Contract, all notices, requests for payment, or other communications arising hereunder shall be sent to the following:

City of Raleigh

Attn:
Title:
Address 1: P.O. Box 590
Address 2: Raleigh, NC 27602
Telephone:
E-mail:

Contractor

Attn:
Title:
Address 1:
Address 2:
Telephone:
E-mail:

6. Non-Discrimination

- 6.1. To the extent permitted by North Carolina law, the Parties for themselves, their agents, officials, directors, officers, members, representatives, employees, and contractors agree not to discriminate in any manner or in any form based on actual or perceived age, mental or physical disability, sex, religion, creed, race, color, sexual orientation, gender identity or expression, familial or marital status, economic status, veteran status or national origin in connection with this Contract or its performance.
- 6.2. The Parties agree to conform with the provisions and intent of Raleigh City Code §4-1004 in all matters related to this Contract. This provision is incorporated into the Contract for the benefit of the City of Raleigh and its residents and may be enforced by an action for specific performance, injunctive relief, or any other remedy available at law or equity. This section shall be binding on the successors and assigns of all parties with reference to the subject matter of the Contract.

7. Assignment

This Contract may not be assigned without the express written consent of the City.

8. Applicable Law

Both the City and the Contractor, for themselves and their respective agents, officials, employees, and servants, hereby acknowledge and agree that this Contract shall be governed and construed in accordance with the applicable laws of the State of North Carolina, without regard to its choice of law provisions, and no other.

The proper, sole, and exclusive venue for any civil action arising out of or in any way related to this Contract shall be the federal or state courts sitting in Wake County, North Carolina.

9. Insurance

Contractor agrees to maintain, on a primary basis and at its sole expense, at all times during the life of this Contract the following coverages and limits. The requirements contained herein, as well as City's review or acceptance of insurance maintained by Contractor is not intended to and shall not in any manner limit or qualify the liabilities or obligations assumed by Contractor under this Contract.

9.1. Commercial General Liability:

Combined single limit of no less than \$1,000,000 each occurrence and \$2,000,000 aggregate. Coverage shall not contain any endorsement(s) excluding nor limiting Product/Completed Operations, Contractual Liability or Cross Liability.

9.2. Automobile Liability:

Limits of no less than \$1,000,000 Combined Single Limit. Coverage shall include liability for Owned, Non-Owned and Hired automobiles. In the event Contractor does not own automobiles, Contractor agrees to maintain coverage for Hired and Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Auto Liability policy. Automobile coverage is only necessary if vehicles are used in the provision of services under this Contract and/or are brought on a COR site.

9.3. Worker's Compensation & Employers Liability:

Contractor agrees to maintain Worker's Compensation Insurance in accordance with North Carolina General Statute Chapter 97 with statutory limits and employees liability of no less than \$1,000,000 each accident.

9.4. Additional Insured:

Contractor agrees to endorse the City as an Additional insured on the Commercial General Liability, Auto Liability and Umbrella Liability if being used to meet the standard of the General Liability and Automobile Liability. The Additional Insured shall read "City of Raleigh is named additional insured as their interest may appear".

9.5. Certificate of Insurance:

Contractor agrees to provide COR a Certificate of Insurance evidencing that all coverages, limits and endorsements required herein are maintained and in full force and effect, and Certificates of Insurance shall provide a minimum thirty (30) day endeavor to notify, when available, by Contractor's insurer.

If Contractor receives a non-renewal or cancellation notice from an insurance carrier affording coverage required herein, or receives notice that coverage no longer complies with the insurance requirements herein, Contractor agrees to notify the City within five (5) business days with a copy of the non-renewal or cancellation notice, or written specifics as to which coverage is no longer in compliance.

The Certificate Holder address should read:

City of Raleigh
Post Office Box 590
Raleigh, NC 27602-0590

9.6. Umbrella or Excess Liability:

Contractor may satisfy the minimum liability limits required above under an Umbrella or Excess Liability policy. There is no minimum Per Occurrence limit of liability under the Umbrella or Excess Liability, however, the Annual Aggregate limits shall not be less than the highest 'Each Occurrence' limit for required policies. Contractor agrees to endorse City of Raleigh as an 'Additional Insured' on the Umbrella or Excess Liability, unless the Certificate of Insurance states the Umbrella or Excess Liability provides coverage on a 'Follow-Form' basis.

9.7. Professional Liability:

Limits of no less than \$1,000,000 each claim. This coverage is only necessary for professional services such as engineering, architecture or when otherwise required by the City.

- 9.8. All insurance companies must be authorized to do business in North Carolina and be acceptable to the City of Raleigh's Risk Manager or his/her designee.

10. Indemnity

Except to the extent caused by the sole negligence or willful misconduct of the City, the Contractor shall indemnify and hold and save the City, its officers, agents and employees, harmless from liability of any kind, including all claims, costs (including defense) and losses accruing or resulting to any other person, firm, or corporation furnishing or supplying work, services, materials, or supplies in connection with the performance of this Contract, and from any and all claims, costs (including defense) and losses accruing or resulting to any person, firm, or corporation that may be injured or damaged by the Contractor in the performance of this Contract. This representation and warranty shall survive the termination or expiration of this Contract.

The Contractor shall indemnify and hold and save the City, its officers, agents and employees, harmless from liability of any kind, including claims, costs (including defense) and expenses, on account of any copyrighted material, patented or unpatented invention, articles, device or appliance manufactured or used in the performance of this Contract.

11. Intellectual Property

Any information, data, instruments, documents, studies, reports, or deliverables given to, exposed to, or prepared or assembled by the Contractor under this Contract shall be kept as confidential proprietary information of the City and not divulged or made available to any individual or organization without the prior written approval of the City. Such information, data, instruments, documents, studies, reports or deliverables will be the sole property of the City and not the Contractor.

- 11.1. All intellectual property, including, but not limited to, patentable inventions, patentable plans, copyrightable works, mask works, trademarks, service marks and trade secrets invented, developed, created, or discovered in performance of this Contract shall be the property of the City.
- 11.2. Copyright in and to any copyrightable work, including, but not limited to, copy, art, negatives, photographs, designs, text, software, or documentation created as part of the Contractor's performance of this project shall vest in the City. Works of authorship and contributions to works of authorship created by the Contractor's performance of this project are hereby agreed to be 'works made for hire' within the meaning of 17 U.S.C. 201.

12. Communications

If communications to the public and/or City employees are required as part of the Contractor's scope of work under this Contract, then the Contractor shall work with the City in the development of a communications plan ("Communications Plan") that must first be approved by the City in writing before any such communications are delivered to the public and/or City employees.

For purposes of this Section 13, such written approval by the City shall be provided by electronic mail by the applicable City Communications Department employee who is responsible for reviewing and approving the Communications Plan, such electronic mail to be sent to the electronic mail address listed in Section 5, above, as part of the contact information for the Contractor representative identified in Section 5, above.

Among other things, the Communications Plan must establish whether the City or the Contractor will be responsible for sending any such communications to the public and/or City employees as required either by this Contract or the Communications Plan. The Communications Plan also shall include, but not be limited to, communications objectives, target audience, and deliverables (print, video, website, social, direct, or digital). The Contractor shall comply with the Communications Plan when communicating to the public and/or City employees pursuant to this Contract and the Communications Plan. All such communications shall comply with the City's brand and communications guidelines, as the same may be amended or modified from time to time.

The City's current brand and communications guidelines are incorporated into this Contract by reference and can be found on the City's website here: <https://raleighnc.gov/doing-business/city-brand-guidance-vendors>.

For purposes of this Section 13, "Communications" is defined as any public or City employee facing information presented in channels such as, but not limited to, a website, mobile applications, social media, printed materials, vehicles, billboards, and videos.

12.1. Communications Plan Approval:

Any materials, messaging or outreach from the Contractor related to marketing and communications of any service or effort under this Contract must first be reviewed and approved by the City's Communications Department. This is to ensure that the Communications Plan: (i) complies with the City's brand and communication guidelines; (ii) integrates with the City's other communications channels and digital strategy; (iii) meets accessibility guidelines; and (iv) conforms to communications best practices with respect to general user experience.

12.2. Accessibility Requirements:

For web content that the Contractor is to make accessible to the public and/or City employees as part of an approved Communications Plan that is included in the Contractor's scope of work under this Contract, all web materials including, but not limited to, tools, mobile applications, and websites, generated by, or on behalf of, the Contractor must meet at least the mid-range conformance level, AA compliance of the current Web Content Accessibility Guidelines, as the same may be amended from time to time.

Any such web content generated by, or on behalf of the Contractor, as part of a Communications Plan associated with this Contract shall meet all standards of good cognitive web accessibility, which include the following:

- 12.2.1. Using proper headings and lists
- 12.2.2. Using unique links
- 12.2.3. Using alternative text and captions
- 12.2.4. Using more white space
- 12.2.5. Dividing content into more manageable pieces
- 12.2.6. Making forms manageable by breaking them into multiple, sequential steps
- 12.2.7. Providing a logical reading order
- 12.2.8. Being consistent with fonts, colors and locations of page elements
- 12.2.9. Offering keyboard access
- 12.2.10. Offering content in multiple formats
- 12.2.11. Understanding minimum contrast

12.3. Languages:

Digital sites/ tools that are for public use/consumption, including for use by City employees, under a Communications Plan associated with this Contract must have translation module (e.g., G-translate, Weglot) so that the service is available in all languages. At minimum, Spanish translation is required on all such digital sites/tools based on low English proficiency requirements:

- 12.3.1. In most cases, entities that are recipients of federal financial assistance through U.S. Department of Health and Human Services (HHS) must provide language assistance services in order to comply with their legal obligation to take reasonable steps to ensure meaningful access to their programs by persons with Limited English Proficiency (LEP).

12.4. Content:

For any communications content that the Contractor is required to generate, or have generated, as part of its scope of work under this Contract, the Contractor shall send such content to City Communications Department staff in raw, high-resolution format for inclusion in communications materials to be made accessible to the public and/or City employees as set forth in the Communications Plan that arises from this Contract (i.e., websites, mobile applications, printed materials collateral, and social media). PDF attachments shall be used only as a last resort and only after written approval by the City, with such written approval to be provided by the City in electronic mail format as described elsewhere in this Section 13.

12.4.1. Contractor shall only provide to the City communications materials for which the City has rights to use, with written documentation of such use rights being provided to the City as requested from time to time by the City in its sole discretion.

12.4.2. All working files agreed upon for the specific Communications Plan shall be provided to the City Communications Department, i.e., text, graphics, charts and data, infographics, and original native files such as Illustrator, Excel, ArcGIS, etc. Following are the file format specifications:

- 12.4.2.1. Images: At least 300dpi for printing at actual size; 96dpi and at least 1920x1080px for digital/Web.
- 12.4.2.2. Video: Any video should be no less than Standard HD (1920x1080) but preferable 4k.
- 12.4.2.3. Text: Word document using accessibility best practices (heading structure, table of contents, and tables).

13. Advertising

The Contractor shall not use the existence of this Contract, or the name of the City of Raleigh, as part of any advertising without the prior written approval of the City.

14. Acknowledgement of City Brand and Tree Logo Ownership and Restrictions

The City of Raleigh has developed proprietary branding (the "City Brand") centered around the Raleigh tree mark logo (the "Tree Logo"). The City's exclusive rights and ownership in and to the Tree Logo are protected under trademark and copyright, including U.S. Copyright Reg. No. VAu1-322-896, N.C. State Trademark Registration Reg. No. T-23070 and Federal Trademark Registration Reg. No. 5,629,347, as well as under other federal and state laws.

Contractor acknowledges and understands that the City is not conferring any license to Contractor under this Agreement to use or depict the Tree Logo or other aspects of the City Brand. Contractor shall not make any use or depiction of the Tree Logo or other aspects of the City Brand without the prior express written approval of the City. In this regard, should any materials being produced by Contractor for the City under this Agreement contemplate use or depiction of the Tree Logo, including, but not limited to, printed materials, digital media, signage and/or display materials, Contractor shall proceed under the auspices and direction of the City's Communications Department and shall comply with all guidelines and restrictions governing use or depiction of the Tree Logo.

15. Force Majeure

Except as otherwise provided in any environmental laws, rules, regulations, or ordinances applicable to the parties and the services performed under this Contract, neither party shall be deemed to be in default of its obligations hereunder if and so long as it is prevented from performing such obligations by an act of war, hostile foreign actions, nuclear explosion, earthquake, hurricane, tornado, or other catastrophic natural event or act of God. Either party to the Contract must take reasonable measures and implement reasonable protections when a weather event otherwise defined as a force majeure event is forecast to be eligible to be excused from the performance otherwise required under this Contract by this provision.

16. Cancellation

- 16.1. The City may terminate this Contract at any time by providing thirty (30) days written notice to the Contractor. In addition, if Contractor shall fail to fulfill in timely and proper manner the obligations under this Contract for any reason, including the voluntary or involuntary declaration of bankruptcy, the City shall have the right to terminate this Contract by giving written notice to the Contractor and termination will be effective upon receipt. Contractor shall cease performance immediately upon receipt of such notice.
- 16.2. In the event of early termination, Contractor shall be entitled to receive just and equitable compensation for costs incurred prior to receipt of notice of termination and for the satisfactory work completed as of the date of termination and delivered to the City. Notwithstanding the foregoing, in no event will the total amount due to Contractor under this section exceed the total amount due Contractor under this Contract. The Contractor shall not be relieved of liability to the City for damages sustained by the City by virtue of any breach of this Contract, and the City may withhold any payment due to the Contractor for the purpose of setoff until such time as the City can determine the exact amount of damages due the City because of the breach.
- 16.3. Payment (obligation) of compensation specified in this Contract, its continuation or any renewal thereof, is dependent upon and subject to the allocation or appropriation of funds to the City for the purpose set forth in this Contract.

17. Laws/Safety Standards

The Contractor shall comply with all laws, ordinances, codes, rules, regulations, safety standards and licensing requirements that are applicable to the conduct of its business, including those of Federal, State, and local agencies having jurisdiction and/or authority.

- 17.1. Contractor must comply with North Carolina Occupational Safety and Health Standards for General Industry 13 NCAC 07F (29CFR 1910). In addition, Contractor shall comply with all applicable occupational health and safety and environmental rules and regulations.
- 17.2. All manufactured items and/or fabricated assemblies subject to operation under pressure, operation by connection to an electric source, or operation involving a connection to a manufactured, natural, or LP gas source shall be constructed and approved in a manner acceptable to the appropriate state inspector which customarily requires the label or re examination listing or identification marking of the appropriate safety standard organization, such as the American Society of Mechanical Electrical Engineers for pressure vessels; the Underwriters' Laboratories and/or National Electrical Manufacturers' Association for electrically operated assemblies; or the American Gas Association for gas operated assemblies, where such approvals of listings have been established for the type(s) of devices offered and furnished. Further, all items furnished by the Contractor shall meet all requirements of the Occupational Safety and Health Act (OSHA), and state and federal requirements relating to clean air and water pollution.
- 17.3. Contractor shall effectively manage their safety and health responsibilities including:
 - 17.3.1. Accident Prevention:
Prevent injuries and illnesses to their employees and others on or near their job site. Contractor managers and supervisors shall ensure personnel safety by strict adherence to established safety rules and procedures.
 - 17.3.2. Environmental Protection:
Protect the environment on, near, and around their work site by compliance with all applicable environmental regulations.

17.3.3. Employee Education and Training:

Provide education and training to all contractors employees before they are exposed to potential workplace or other hazards as required by specific OSHA Standards.

18. Applicability of North Carolina Public Records Law

Notwithstanding any other provisions of this Contract, this Contract and all materials submitted to the City by the Contractor are subject to the public records laws of the State of North Carolina and it is the responsibility of the Contractor to properly designate materials that may be protected from disclosure as trade secrets under North Carolina law as such and in the form required by law prior to the submission of such materials to the City. Contractor understands and agrees that the City may take any and all actions necessary to comply with federal, state, and local laws and/or judicial orders and such actions will not constitute a breach of the terms of this Contract. To the extent that any other provisions of this Contract conflict with this paragraph, the provisions of this section shall control.

19. Miscellaneous

- 19.1. The Contractor shall be responsible for the proper custody and care of any property furnished or purchased by the City for use in connection with the performance of this Contract and will reimburse the City for the replacement value of its loss or damage.
- 19.2. The Contractor shall be considered to be an Independent Contractor and as such shall be wholly responsible for the work to be performed and for the supervision of its employees. Nothing herein is intended or will be construed to establish any agency, partnership, or joint venture. Contractor represents that it has, or will secure at its own expense, all personnel required in performing the services under this Contract. Such employees shall not be employees of or have any individual contractual relationship with the City.
- 19.3. This Contract may be amended only by written agreement of the parties executed by their authorized representatives.

20. Right to Audit and Access to Records

- 20.1. The City may conduct an audit of any services performed and fees paid subject to this Contract. The City, or its designee, may perform such an audit throughout the contract period and for three (3) years after termination thereof or longer if otherwise required by law.
- 20.2. The Contractor and its agents shall maintain all books, documents, papers, accounting records, contract records and such other evidence as may be appropriate to substantiate costs incurred under this Contract. The City, or its designee, shall have the right to, including but not limited to: review and copy records; interview current and former employees; conduct such other investigation to verify compliance with contract terms; and conduct such other investigation to substantiate costs incurred by this Contract.
- 20.3. "Records" shall be defined as data of every kind and character, including but not limited to books, documents, papers, accounting records, contract documents, information, and materials that, in the City's sole discretion, relate to matters, rights, duties or obligations of this Contract.
- 20.4. Records and employees shall be available during normal business hours upon advanced written notice. Electronic mail shall constitute written notice for purposes of this section.
- 20.5. Contractor shall provide the City or its designee reasonable access to facilities and adequate and appropriate workspace for the conduct of audits.
- 20.6. The rights established under this section shall survive the termination of the Contract, and shall not be deleted, circumvented, limited, confined, or restricted by contract or any other section, clause, addendum, attachment, or the subsequent amendment of this Contract.
- 20.7. The Contractor shall reimburse the City for any overcharges identified by the audit within ninety (90) days of written notice of the City's findings.
- 20.8. Contractor shall, upon request, provide any records associated with this engagement to the North Carolina State Auditor that are necessary to comply with the provisions of G.S. § 147-64.7.

21. E – Verify

Contractor shall comply with E-Verify, the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law and as in accordance with N.C.G.S. §64-25 et seq. In addition, to the best of Contractor's knowledge, any subcontractor employed by Contractor as a part of this contract shall be in compliance with the requirements of E-Verify and N.C.G.S. §64-25 et seq.

22. Iran Divestment Act Certification

Contractor certifies that, as of the date listed below, it is not on the Final Divestment List as created by the State Treasurer pursuant to N.C.G.S. § 147-86.55, et seq. In compliance with the requirements of the Iran Divestment Act and N.C.G.S. §

147-86.59, Contractor shall not utilize in the performance of the contract any subcontractor that is identified on the Final Divestment List.

23. Companies Boycotting Israel Divestment Act Certification

Contractor certifies that it has not been designated by the North Carolina State Treasurer as a company engaged in the boycott of Israel pursuant to N.C.G.S. 147-86.81.

24. Incorporation of Documents/Complete Agreement

This Contract, and any documents incorporated below, represent the entire Contract between the parties and suspend all prior oral or written statements, agreements or contracts.

Specifically incorporated into this Contract are the following attachments, or if not physically attached, are incorporated fully herein by reference:

-

In cases of conflict between this Contract and any of the above incorporated attachments or references, the terms of this Contract shall prevail.

The remainder of this page remains blank intentionally.

SAMPLE

IN WITNESS WHEREOF, the parties hereto have executed this Contract by digital signature, under seal, on the respective dates below, and this Contract shall be effective upon the date of the City’s signature (the “Effective Date”).

CONTRACTOR:

By:

Signature (SEAL)

Name

Title

Date of Signature

ATTEST:

Signature

Name

Title

CITY:

CITY OF RALEIGH
a North Carolina municipal corporation

By:

Signature

Name

Title

Department

Date of Signature

ATTEST:

City Clerk (or designee) (SEAL)

This instrument has been pre-audited in the manner required by the Local Government Budget and Fiscal Control Act.

Chief Financial Officer (or designee)

City of Raleigh Contract Number xxxxxxxxxx