

Request for Proposals #274-5220-FY21-02

Title: Public Utilities Department Radio Telemetry Services

5220-604-FY21-Telemetry 5230-604-FY21-Telemetry

Issue Date: Thursday, September 24th, 2020

Due Date: Thursday, October 22nd, 2020 4:00 pm

Pre-Proposal Conference: Thursday, October 1st, 2020 9:00 AM RSVP REQUIRED FOR SECURITY ACCESS

(RSVP to: mark.tallent@raleighnc.gov) EM Johnson Water Treatment Plant 10301 Falls of Neuse Road Raleigh, NC 27614

LATE PROPOSALS WILL NOT BE ACCEPTED

Water Treatment Division & Resource Recovery Division

Direct all inquiries concerning this RFP to:

Mark Tallent

Remote Facilities Supervisor for Water Treatment Plant

Email: mark.tallent@raleighnc.gov

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1. Introduction

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1.1 Purpose

The City of Raleigh (COR) is solicitating proposals from one or more firm(s) with which to contract for the following services: The City of Raleigh EM Johnson Water Treatment Plant (EMJWTP) and the Neuse River Resource Recovery Facility (NRRRF) are seeking a Request for Proposal (RFP) for telemetry services for the Raleigh SCADA systems 118 Resource and Recovery Division (RRD) sites, 48 Water Treatment Division (WTD) sites and 6 Flood Warning sites that also belong to the Water Treatment Division. If the proposal is approved and awarded, the City of Raleigh will enter into a three (3) year contract with the option to renew for (2) additional years with the awarded vendor. Contract prices must be firm for the contract period, unless stipulated otherwise in this proposal. *** Proposals must be separated between the Resource and Recovery Facility and the Water Treatment Division as they will be billed by Division *** A detailed scope of services is provided in Section 5 of this solicitation.

All information related to this solicitation, including any addenda, will be posted to the North Carolina Interactive Purchasing System (IPS) at: https://www.ips.state.nc.us/IPS/.

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 City of Raleigh Public Utilities Department,

now also known as Raleigh Water, provides water and sanitary sewer services to about 198,000 metered customers and a service population of about 600,000 people in Raleigh, Garner, Wake Forest, Rolesville, Knightdale, Wendell and Zebulon areas. Our mission is to provide safe, sustainable water services for our customers while protecting public health and contributing to the economic, environmental and social vitality of our communities. Under this contract the service provider will have a key role in our efforts to maintain uninterrupted safe and quality services to our customers by maintaining a robust and reliable remote sites telemetry communications system.

1.3 Request for Proposal (RFP) Timeline

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Listed below are the dates and times by which stated actions must be taken or completed. The City may determine, in its sole discretion, that it is necessary to change any of these dates and times. All listed times are Eastern standard times.

Action	Date	Time
RFP Issued	Thursday, September 24 th , 2020	N/A
Pre-Proposal Conference (RSVP Required)	Thursday, October 1st, 2020	9:00 AM
Deadline for written questions	Thursday, October 8 th , 2020	N/A
COR Response to questions	Monday, October 12 th , 2020	N/A
Proposal Due Date	Thursday, October 22 nd , 2020	4:00 PM
Anticipated Award	Thursday, November 1st, 2020	N/A

1.4 **Pre-Proposal Conference**

The Pre-Proposal Conference is mandatory. Reply to this solicitation via email to mark.tallent@raleighnc.gov to receive prior access approval, COVID-19 precautionary instructions. The conference will be held on October 1st, 2020 at 9:00 am. There will be three (3) site visits required and will be held at EM Johnson Water Treatment Plant at 10301 Falls of Neuse Rd., Raleigh, NC on Thursday October 1st, 2020 at 9:00 am. Other site visits will include Westgate Tank/Pump Station at 9316 Leesville Rd., Raleigh, Mt. Herman Pump Station at 6608 Mt. Herman Rd., Raleigh and Sycamore Creek Lift Station at 9299 Glenwood Ave., Raleigh. Prospective Proposers are encouraged to submit written questions in advance. Date, time, and location of pre-proposal conference is also shown above and in Section 1.3, entitled RFP Timeline.

1.5 **Proposal Questions**

<u>It is the Proposer's responsibility to ensure that all addenda have been</u> <u>reviewed and considered in the preparation of its proposal</u>. Requests for clarification and questions to this RFP must be received by the City not

later than the date shown above in Section 1.3, entitled "RFP Timeline" 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 Interactive Purchasing System (IPS). 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. Respondents shall be entitled to rely *only* on written material contained in an Addendum to this RFP.

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It is important that all Respondents submitting to this RFP periodically check the North Carolina Interactive Purchasing System (IPS) for any Addenda. It is the Respondents 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:

Facility	Contact Information				
EM Johnson Water Treatment Plant	Mark Tallent				
	mark.tallent@raleighnc.gov				

Questions submitted via telephone will not be answered

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: ***DO NOT SEND BY USPS, THE ADDRESS BELOW HAS NO MAILBOX OR PO BOX***

DELIVERED BY FedEx or UPS	Hand Delivery
EM Johnson Water Treatment Plant 10301 Falls of Neuse Rd. Raleigh NC, 27614 Attn; Mark Tallent	10301 Falls of Neuse Rd. Raleigh NC, 27614 Attn; Mark Tallent HAND DELIVERY MUST BE SCHEDULED DUE TO SECURITY AND COVID RESTRICTIONS Email: mark.tallent@raleighnc.gov TO SCHEDULE APPOINTMENT
RFP No. 274-5220-FY21-02 Radio Telemetry Services	RFP No. 274-5220-FY21-02 Radio Telemetry Services

Proposals must be enclosed in an envelope or package and clearly

the *RFP Title*.

Proposers must submit:

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- i. one (1) signed original;
- ii. one (1) electronic version of the signed proposal and;
- iii. Three (3) copies of proposal.

The electronic version of the Proposal must be submitted as a viewable and printable Adobe Portable Document File (PDF) on a Flash Drive. Both hard copy and electronic versions must be received by the City on or before the RFP due date and time provided in Section 1.3. Proposals received after the RFP due date and time will not be considered and will be returned unopened to the return address on the submission envelope or package.

marked with the name of the submitting company, the RFP number and

Any requirements in the RFP that cannot be met must be indicated on Appendix V, "Exceptions to the RFP" and submitted with proposal. 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. If the Firm elects to mail in its response, the Firm must allow enough time to ensure the City's proper receipt of the package by the time specified in Section 1.3, "RFP Timeline". Regardless of the delivery method, it is the responsibility of the Firm to ensure that their response arrives at the designated location specified in this Section by the due date and time specified in Section 1.3, "RFP Timeline".

1.7 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 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.

The City reserves the right to retain all proposals submitted and to use any ideas in a proposal regardless of whether that proposal is selected. Submission of a proposal indicates acceptance by the Proposer of the conditions contained in this Request for Proposal.

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

1.8 Communications

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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. prior to the deadline provided in Section 1.3.

Violation of this provision may result in the firm's proposal being removed from consideration.

1.9 **Lobbying**

By responding to this solicitation, the firm certifies that is 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 because of this RFP.

1.10 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):

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."

1.11 **Proposer Expenses**

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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.

1.12 Proposer Acceptance

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Submission of any proposal indicates a Proposer's acceptance of the conditions contained in this RFP unless clearly and specifically noted otherwise on Appendix V, "Exceptions to RFP" and submitted with proposal. Furthermore, the City of Raleigh is not bound to accept a proposal on the basis of lowest price, and further, the City of Raleigh 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, or to re-advertise with either the identical or revised specifications, if it is deemed to be in the City of Raleigh's best interests to do so. The City of Raleigh reserves the right to accept or reject any or all 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 City of Raleigh's best interest. Moreover, the City of Raleigh 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 of Raleigh.

2 PROPOSALS

Responses 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

Responses should be divided using tabs to separate each section, listed sequentially as follows:

2.1.1 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 <u>Tab 2: Corporate Background and Experience</u>

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 Tab 3: Financial Information

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Recent audited or reviewed financial statements prepared by an independent certified public accountant (CPA) that shall include, at a minimum, a balance sheet, income statement (i.e., profit/loss statement) and cash flow statement **and**, if the audited or reviewed financial statements were prepared more than six (6) months prior to the issuance of this RFP, the Proposer shall submit its most recent internal financial statements (balance sheet, income statement and cash flow statement or budget with entries reflecting revenues and expenditures from the date of the audited or reviewed financial statements to the end of the most recent financial reporting period (i.e., the quarter or month preceding the issuance date of this RFP).

All financial information, statements and/or documents provided in response to this solicitation shall be kept confidential provided that EACH PAGE is marked as follows: "CONFIDENTIAL – DO NOT DISCLOSE EXCEPT FOR THE EXPRESS PURPOSE OF PROPOSAL EVALUATION."

"Recent" shall be defined as financial statements that were prepared within the 12 months preceding the issuance date of this RFP.

Consolidated financial statements of the Proposer's parent or related corporation/business entity shall not be considered, unless: (1) the Proposer's actual financial performance for the designated period is separately identified in and/or attached to the consolidated statements, (2) the parent or related corporation/business entity provides the State with a document wherein the parent or related corporation/business entity will be financially responsible for the Proposer's performance of the contract and the consolidated statement demonstrates the parent or related corporation's/business entity's financial ability to perform the contract, financial stability and/or such other financial considerations identified in the evaluation criteria; and/or (3) Proposer provides its own internally prepared financial statements and such other evidence of its own financial stability identified above.

The firm's failure to provide any of the above-referenced financial statements may result in the proposal being removed from consideration. Proposers are also encouraged to explain any

negative financial information, and to provide documentation supporting those explanations and demonstrating the financial

2.1.4 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.

2.1.5 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.

At a minimum the awarded firm must have on staff and maintain at least two (2) TC1002 Authorized Climber/Rescuer Certified technicians.

2.1.6 Tab 6: Cost

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In a separate sealed envelope provide a minimum of three (3) complete copies of cost schedule to include:

2.1.6.1 Preventative Maintenance Cost – Price shall include all labor, tools, equipment for climbing or lifts, reports and preventative maintenance consumable materials such as batteries, cleaners, tape, miscellaneous hardware or another consumable material needed.

Water Treatment Division	Annual Full System PM for WTD Sites	Quarterly Full System PM for Flood Warning Sites	Total Annual PM Cost
Year 1			
Year 2			
Year 3			
Total 3 Year	Contract Cost		
Optional Year 4			
Optional Year 5			

Resource Recovery Division	Annual Full System PM for RRD Sites	Total Annual PM Cost
Year 1		

Year 2
Year 3

Total 3 Year Contract Cost
Optional Year 4
Optional Year 5

Normal Hours and Emergency Service Calls – Provide Hourly Labor rates for normal business hours and after hours and provide equipment rate. Add additional personnel and/or equipment as necessary for a pre-established rate structure. Years (4) and (5) are optional years upon agreement.

Personnel List		No	rmal H	ours			After Hours			
	Y1	Y2	Y3	Y4	Y5	Y1	Y2	Y3	Y4	Y5
Field/Installation										
Technician										
Field Engineer										
TC1002 Authorized										
Climber										
Equipment List										
Bucket Truck										
Technician Truck										

- Upgrades & Repair
 - This type of work will be quoted on individual needs basis as needed

2.2 RFP Documents

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This RFP is comprised of the base RFP document, any attachments, and any addenda released before Contract award. 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

Proposal Evaluation Committee in accordance with the process and evaluation criteria contained below. Responses will be evaluated considering 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 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	<mark>15</mark>		
Firm Financial Stability	10		
Project Understanding	<mark>15</mark>		
Project Approach	10		
Team Firm Experience	20		
Proposed Cost	<mark>30</mark>		
Final Score			

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:

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 Final Selection

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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.

3.3 Notice to Proposers Regarding RFP Terms and Conditions
It shall be the Proposer's responsibility to read the Instructions, the City's contract terms (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.

4 CONTRACT TERMS

The Contract shall have an initial term of three (3) years, 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 two (2) additional one-year terms. The City will give the Contractor written notice of its intent whether to exercise each option no later than ninety (90) 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.

5 SCOPE OF SERVICE

Awarded Contractor shall provide services, all as set forth in this RFP and more particularly described in this Section 5.

- 5.1 **Telemetry Sites** A complete listing of telemetry site names and addresses, may be found in **Appendix VI & VII** REMOTE TELEMETRY SITES. The listing is current as of the issuance of this RFP; *** **sites may be added or removed as defined herein** ***
- 5.2 Water Treatment Division & Resource and Recovery Division Sites Contractor will provide labor, materials and expenses for each site to

include the antenna system, radio, lightning protection, power surge protection, power supply, power converter, relays, and fuses.

- 5.3 **Site Damage** If a site has damage due to other than normal usage such as lightning, AC power problems, water, weather, or physical damage due to other environmental factors, Contractor agrees to respond and repair that site at no charge to the City. However, if there is more than one site damaged because of the same unusual occurrence, the City agrees to be responsible for the cost to repair the additional sites at Contractor's time and material rate.
- 5.4 **Preventive Maintenance –** Contractor will perform preventive maintenance annually for each EMJWTP and R&R SCADA sites and will consist of the following tests:

A detailed cable and antenna analyzer report baseline must be performed during the first visit or after a repair/replace service is completed to each Water Treatment Division and Resource and Recovery Division sites. The cable and antenna analyzer report must include the following tests using the appropriate frequency:

- TDR (Time domain Reflectometer with Distance-to-fault)
- SWR (Standing wave radio)
- Precision return loss
- Cable loss

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- A reflected power reading using a wattmeter must be performed during all the preventive maintenance visits. The reading must be taken only after keying the radio for at least 2 seconds. If the reflected power reading is outside the recommended parameters, a detailed cable and antenna analyzer report must be completed to troubleshot and correct the problem.
- The additional tests must be completed and documented during all the preventive maintenance visits:
- Document the received signal level using the radio internal diagnostics
- Document of radio parameters (frequency, power, sensitivity)
- Document antenna magnetic azimuth
- UPS test: Measurement of power supply voltages, after the control panel is on battery power for at least 10 minutes
- Physical inspection of the grounds, connectors, and cables at RTU
- Confirm with plant operations that RTU Intrusion and UPS loss of AC power is reporting properly back to the SCADA system
- Replacement of RTU batteries <u>as needed or at least once every three</u> <u>years</u>, a replacement date sticker must be provided and make visible for each battery. This does not include the PLC Eprom battery.
- 5.5 **Flood Warning Sites** Contractor will provide labor, materials and expenses for each site to include the siren electronics, antenna system, radio, lightning protection, power surge protection, power supply, power converter, relays, fuses, 12V 18 AH batteries and the siren batteries.

(Contractor is not responsible for labor, materials and expenses related to the PLC at these sites).

- **5.5.1 FWS Preventive Maintenance** Contractor will perform preventive maintenance <u>quarterly</u> for each FWS and will consist of the same tests as mentioned in section 5.5 for SCADA sites, plus the following:
 - Silent siren operation
 - Normal siren operation
 - Forced off test

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- Intrusion alarm test
- Power fail test
- Run indication test
- 5.6 **Reporting** Contractor will email its field reports in a timely fashion (PM reports and service call reports) to WTD or RRD Remote Facilities Supervisors.
- 5.7 **Emergency Service** Contractor will respond by telephone to reported emergency failures within 30 minutes. Contractor will have a technician on site no later than 3 hours from the emergency call from EMJWTP or R&R and return the site to service as soon as possible. Contractor's ability to provide emergency labor is subject to safe accessibility of the site at the time of the emergency.
 - Emergency repair services, if required, will be paid to the contractor by the hour. The contractor shall include in the Proposal, hourly rates for emergency repair work to be performed between the hours of 8am and 5pm Monday through Friday, hourly rates for emergency repair work between 5pm and 8am Monday through Friday, and hourly rates for emergency repair work on weekends and on City Recognized holidays. These different hourly rates shall be provided for each Level of contractor technician as indicated in the cost schedule in **Appendix I**. If emergency repairs require equipment to be purchased, the contractor shall notify the City immediately with the reason for the equipment need and an estimated material cost. Equipment shall not be purchased without authorization from the City.
- Third Party Work The City agrees to notify Contractor when work is done by a third party at any of the sites covered by this agreement that may affect the communications system. If it is determined that an inspection by Contractor may be required, the third party will be responsible for the inspection service cost to Contractor. The site will no longer be covered by this agreement unless and until Contractor determines to accept the materials and workmanship of the third party, at which time the site will be reinstated within this service agreement's terms and conditions. Third party work authorized and performed by CITI, LLC shall normally be excluded from any inspection service cost.
- 5.9 **Addition/Subtraction of Facilities** During the contract period, additional telemetry stations may be added or removed from service. The

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Contractor's price per station as stated in Appendix I shall serve as the basis for the addition or subtraction of facilities. As required and appropriate for significant changed conditions, the addition of a facility may be negotiated between the parties; otherwise, Appendix I cost per station per month shall prevail.

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APPENDIX I Proposal Cost Form

Title of Signer:

RF	RFP No.: 274-5220-FY21-02 APPENDIX II Telemetry Services												
	PROPOSER QUESTIONNAIRE												
	ring questions mus						comprehe	ensive. If ned	cessary, que	estions may	be answe	red on	1
Company	Name:							d/b/a (if app	olicable)				
Street / PC	O Box:												
City:									State:		Zip:		
Phone:					Fax:				E-Mail:				
Website (i	f applicable):					•			•				
		☐ Sc	le Proprietor	r	☐ Part	nership		Corporation	☐ Other				
Number of	f years in business	under comp	oany's prese	nt name	:								
Fed Tax II	D #:					•	DUNS	#					
Are you ce	ertified with the No	rth Carolina	Secretary of	State to	condu	ct business	(if requi	red)? (Chec	k One) YES	: NO	: Not	Applic	cable:
Ц													
Are vou pr	roperly licensed/ce	ertified by the	Federal and	d/or State	e of No	rth Carolin	a to perfo	orm the speci	fied work?				
YES:		t Applicable:				OPY OF A	ALL APPL	LICABLE LIC	ENSING/CE		ON DOCU	IMEN	TS
						Are/will y	ou be pro	operly insure	d to perform	the work?	YES:]	NO: 🗌
Contact fo	or this Contract:					T			Title:				
Phone:					Fax:				E-Mail:				
				0 ///			\\/=0 [
	Have you ever det			,	•		,		noot throo	vooro prof	orobly gov	0 50 50	
agencies.	st three (3) referen <u>Do not include Cit</u> ERS ARE RESPO	y of Raleigh	as a referen	ce to me	et the r	equiremen	nt of listin	g at least (3)	references.			emme	eni.
1.	Company:												
	Contact Person:								Title:				
	Phone:				Fax:				E-Mail:				
Describe S	Scope of Work:												
2.	Company:												
	Contact Person:								Title:				
	Phone:				Fax:				E-Mail:				
Describe S	Scope of Work:												
3.	Company:												
	Contact Person:								Title:				
	Phone:				Fax:				E-Mail:				
Describe S	Scope of Work:												
4.	Company:												
	Contact Person:								Title:				
	Phone:				Fax:				E-Mail:				
Describe S	Scope of Work:												
5.	Company:								T:0-				
	Contact Person:					1			Title:				
Describe	Phone: Scope of Work:				Fax:				E-Mail:				
Describe \$	scope or work.												
The under	rsigned swears to	the truth and	accuracy of	all state	ments a	and answe	rs contai	ned herein:					
	Authorized Signature: Date:												

APPENDIX III

City of Raleigh

Radio Telemetry Services

Reference Questionnaire

The City of Raleigh, as a part of the RFP, requires proposing companies to submit a minimum of three (3) business references as required within this document. The purpose of these references is to document the experience relevant to the scope of services and provide assistance in the evaluation process.

The Proposer is required to send the reference form (the following two pages) to each business reference listed on Proposer Questionnaire. The business reference, in turn, is requested to submit the Reference Form directly to the City of Raleigh Point of Contact identified on the Reference Questionnaire form for inclusion in the evaluation process. The form and information provided will become a part of the submitted proposal. The business reference may be contacted for validation of the response. It is the Proposer's responsibility to verify their references have been received by the City of Raleigh Point of Contact by the date indicated on the reference form.

RFP No.: 274-5220-FY21-02 Telemetry Services

City of Raleigh 274-5220-FY21-02 Radio Telemetry Services

REFERENCE QUESTIONNAIRE

	
	(Name of Business Requesting Reference)
list Th late	is form is being submitted to your company for completion as a business reference for the company ed above. is form is to be returned to the City of Raleigh, Mark Tallent, via email to mark.tallent@raleighnc.gov no er than <(Insert a time)> p.m. ET, <(Insert Month, Day, Year)> and MUST NOT be returned to the mpany requesting the reference. r questions or concerns regarding this form, please contact the City of Raleigh, Point of Contact above.
С	ompany Providing Reference
	ontact Name and Title/Position
	ontact Telephone Number
C	ontact Email Address
Qu 1.	In what capacity have you worked with this company in the past? If the company was under a contract, please acknowledge and explain briefly whether or not the contract was successful. Comments:
2.	How would you rate this company's knowledge and expertise? 3 = Excellent 2 = Satisfactory 1 = Unsatisfactory 0 = Unacceptable Comments:
3.	How would you rate the company's flexibility relative to changes in the scope and timelines? 3= Excellent 2= Satisfactory 1= Unsatisfactory 0= Unacceptable Comments:
4.	What is your level of satisfaction with hard-copy materials, e.g. reports, logs, etc. produced by the company?
	☐ 3= Excellent ☐ 2= Satisfactory ☐ 1= Unsatisfactory ☐ 0= Unacceptable Comments:

9. Would you recommend this company's services to your organization again?

Comments:

APPENDIX IV

CONTRACT STANDARD TERMS AND CONDITIONS

The contract terms provided herein shall become a part of any contract issued as a result of this solicitation. Any exceptions to the contract terms must be stated in the submittal. Any submission of a proposal without objection to the contract terms indicates understanding and intention to comply with the contract terms. If there is a term or condition that the firm intends to negotiate, it must be stated in the proposal. The successful firm will not be entitled to any changes or modifications unless they were first stated in the proposal. The City of Raleigh reserves the right, at its sole discretion, to reject any or all submittal package(s) containing unreasonable objections to standard City of Raleigh contract provisions.

1. <u>Compensation; Time of Payment</u>

The standard City of Raleigh payment term is NET 30 days from the date of invoice. For prompt payment all invoices should be emailed to (accountspayable@raleighnc.gov) or mail to the City of Raleigh, Accounts Payable, PO Box 590, Raleigh, North Carolina 27602-0590. All invoices must include the Purchase Order Number. Invoices submitted without the correct purchase order number will result in delayed payment.

2. Workmanship and Quality of Services

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

3. Non-discrimination

RFP No.: 274-5220-FY21-02

To the extent permitted by North Carolina law, the parties hereto for themselves, their agents, officials, employees and servants agree not to discriminate in any manner on the basis of race, color, creed, national origin, sex, age, handicap, or sexual orientation with reference to the subject matter of this Contract. The parties further agree, to the extent permitted by law, to conform with the provisions and intent of City of Raleigh Ordinance 1969-889, as amended. This provision is hereby incorporated into this Contract for the benefit of the City of Raleigh and its residents, and may be enforced by action for specific performance, injunctive relief, or other remedy as provided by law. This provision shall be binding on the successors and assigns of the parties with reference to the subject matter of this Contract.

4. Minority and Women Owned Business Enterprise

The City of Raleigh prohibits discrimination in any manner on the basis of race, color, creed, national origin, sex, age or handicap or sexual orientation and will pursue an affirmative policy of fostering, promoting and conducting business with women and minority owned business enterprises. The City of Raleigh encourages participation by certified minority and women-owned businesses. If there are any questions, Contact the MWBE Program Manager, PO BOX 590 Raleigh, NC 27602, mwbe@raleighnc.gov, or 919-996-4330.

5. Assignment

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

6. Applicable Law

All matters relating to this Contract shall be governed by the laws of the State of North Carolina, without regard to its choice of law provisions, and venue for any action relating to this Contract shall be Wake County Civil Superior Court or the United States District Court for the Eastern District of North Carolina, Western Division.

7. Insurance

Contractor agrees to maintain, on a primary basis and at is 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.

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.

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.

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.

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'.

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

RFP No.: 274-5220-FY21-02

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.

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.

All insurance companies must be authorized to do business in North Carolina and be acceptable to the City of Raleigh's Risk Manager.

8. <u>Indemnity</u>

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.

9. Intellectual Property

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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.

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.

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.

10. 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.

11. 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.

12. Cancellation

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.

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.

Payment 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.

13. Laws/Safety Standards

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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.

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.

Contractor must comply with *North Carolina Occupational Safety and Health Standards for General Industry, 29CFR 1910.* In addition, Contractor shall comply with all applicable occupational health and safety and environmental rules and regulations.

Contractor shall effectively manage their safety and health responsibilities including:

A. 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.

B. Environmental Protection

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Protect the environment on, near, and around their work site by compliance with all applicable environmental regulations.

C. 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.

14. 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.

15. Miscellaneous

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.

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.

This Contract may be amended only by written agreement of the parties executed by their authorized representatives.

16. Right to Audit and Access to Records

- 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.
- 2. The Contractor and its agents shall maintain all books, documents, papers, accounting records, contract records and such other evidence as may be

RFP No.: 274-5220-FY21-02

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.

- 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.
- 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.
- 5. Contractor shall provide the City or its designee reasonable access to facilities and adequate and appropriate workspace for the conduct of audits.
- 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.
- 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.

17. 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 seg.

18. 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.

19. 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. 147-8

APPENDIX V EXCEPTIONS TO RFP

Check one: □NO EXCEPTIONS, PROPOSER COMPLIES WITH ALL DOCUMENTS IN RFP. □EXCEPTIONS ARE LISTED BELOW:

#	RFP Page #, Section #, Appendix #	Exceptions [Describe nature of Exception]	Ex	plain why this is an issue		Proposed Alternative	Indicate if exception is negotiable (N) or non- negotiable (NN)				
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
12											
AN۱	LURE TO IDE CORRESPO	ENTIFY ANY EXCEPTIONS WILL INDICATE ADDING ADDENDUM ISSUED. THE CITY, AT	ACCEPTANC ITS SOLE D	CE OF ALL TERMS AND CO ISCRETION, MAY MODIFY (NDITION OR REJ	IS, AND REQUIREMENTS OF ECT ANY EXCEPTION OR PRO	THE RFP AND OPOSED				
Firm				Authorized Signature		Title:					
Print Nam Sign	ne of					Date:					
Jigi	Signer										

APPENDIX VI

Water Treatment Division Sites

Site					
Count	Site ID#	Site Name	Site Address	FUTURE	Connection Type
1	PS06	Shelly Road PS	1950 Millbrook Rd, Raleigh		900MHz to Six Forks
2	PS07	Mt Herman Road BPS	6608 Mt. Herman Rd, Raleigh		900MHz to Leesville WT
3	PS08	Wade Ave PS	3215 Wade Ave, Raleigh		900MHz to Hwy 54 WT
4	PS10	Pullen Park PS	420 Ashe Ave, Raleigh		900MHz to Hwy 54 WT
5	PS11	Lowes BPS	610 Mechanical Blvd., Garner		900Mhz to E Garner Tank WT
6	PS12	Garner Road BPS	2045 West Garner Rd., Garner		900MHz to Rand Mill WT
7	PS13	Jones Sausage Road BPS	4567 Jones Sausage Rd, Garner		900MHz to Sunnybrook RT
8	PS14	Highway 64 PS	5810 Farmwell Rd., Knightdale		900MHz to Sunnybrook RT
9	PS15	Knightdale BPS	6001 Forestville Rd., Knightdale		900MHz to Hwy 64 WT
10	PS16	Forestville BPS	2808 Forestville Rd., Raleigh		900MHz to Rolesville WT
11	PS17	Rolesville BPS	1624 Jones Dairy Rd., Wake Forest		900MHz to Rolesville WT
12	PS18	Neuse River BPS	9305 Capitol Blvd, Raleigh		900MHz to EMJ
13	PS20	Wendell Recirculation station	1501 South Hollybrook Rd., Wendell		900MHz to Lions Club WT
14	PS21	Wendell BPS	2350 Wendell Blvd., Wendell		900MHz to Poplar St WT
15	TS01/PS01	EB Bain GST /BPS	1810 Fayetteville Rd.		900MHz to Hwy 54 WT
16	TS02/PS02	Wendell GST /BSP	418 Old Zebulon Rd., Wendell		900MHz to Poplar St WT
17	TS05/PS05	North Hills GST /BPS	5805 Six Forks Rd., Raleigh		900MHz to Six Forks
18	TS06	Six Forks Tank	8533 Six Forks Rd., Raleigh		High Speed Mesh
19	TS07	Strickland Road Tank	2933 Brennon Dr, Raleigh		900MHz to EMJ
20	TS08	Leesville Road Tank	11717 Leesville Rd, Raleigh		High Speed Mesh
21	TS09	Westgate Tank	9316 Leesville Rd., Raleigh		900MHz to Springdale WT
22	TS10	Springdale Tank	8919 Hunting Trail, Raleigh	offline soon	High Speed Mesh
23	TS11	Fairgrounds Tank	1200 Blue Ridge Rd., Raleigh		900MHz to Hwy 54 WT
24	TS12	Hwy54 Tank	5424 Hillsbourough St, Raleigh		High Speed Mesh
25	TS13	Chamberlain Tank	500 Chamberlain St, Raleigh		900MHz to Hwy 54 WT
26	TS14	Rand Mill Tank	140 Rand Mill Rd, Garner		High Speed Mesh
27	TS15	East Garner Tank	840 East Garner Rd., Garner		High Speed Mesh
28	TS16	New Hope Tank	4410 New Hope Rd, Raleigh		High Speed Mesh
29	TS17	Rolesville Tank	703 S. Main Street, Rolesville		High Speed Mesh
30	TS18	Friendship Chapel Tank	204 Friendship Chapel Rd, W-F		High Speed Mesh
31	TS19	White Street Tank	615 White St, Wake Forest		High Speed Mesh
32	TS20	Falls Of Neuse Rd Tank	13013 Keith Store Rd, Raleigh		High Speed Mesh
34	TS21	Hodge Road Tank	2126 Hodge Rd., Knightdale		High Speed Mesh
35	TS22	Highway 64 Tank	7429 Knightdale Blvd., Knightdale		High Speed Mesh
36	TS23	Poplar Street Tank	301 Popular St., Wendell		High Speed Mesh
37	TS24	Lions Club Tank	200 Chevrolet Way, Wendell		High Speed Mesh
38	TS25	Green Pace Tank	75 Green Pace Rd., Zebulon		High Speed Mesh
39	TS26	Vance Street Tank	228 Vance St., Zebulon		High Speed Mesh

Meter Sites and Interconnects

40	MS01	Wendell Meter	400 Wendell Blvd., Wendell		900MHz to Poplar St WT
41	MS02	Little River PS	5171 Wendell Blvd., Wendell		900MHz to Poplar St WT
42	MS03	Johnston Co. Interconnect	13582 US Hwy. 70 Bus. West, Clayton NC		900Mhz to E Garner Tank WT
43	MS04	Town of Cary Interconnect	1201 Trinity Rd, Cary NC 27607		900MHz to Hwy 54 WT
44	MS05	Globe Road Interconnect	9401 Globe Rd, Raleigh NC		900MHz to Leesville WT
45		Glenwood PSV- Hwy70	6334 Glenwood Ave		900MHz to Hwy 54 WT
46		Pine Hollow Tank		Future	
47	MS06	Crossroads Interconnect	Jones Franklin Rd	Future	900MHz to Hwy 54 WT
48	MS?	Durham Hwy 70 Interconnect	10567 Glenwood Ave	Future	900MHz to Leesville WT

rev 8/31/2020

Appendix VII

Resource & Recovery Sites

Sites Count	Name	Address		Connection Type
1	River Ridge LS	3433 La Costa	WW_RTU	900MHz to Hodge WT
2	Marsh Creek Odor Ctrl	1000 Crabtree Blvd.	WW_RTU	900MHz to New Hope WT
3	Traemore LS	10898 Strickland Rd.	WW_RTU	900MHz to Six Forks
4	Brownleigh LS	3135 Glen Royal	WW_RTU	900MHz to Springdale WT
5	Highland Creek LS	·	WW_RTU	900MHz to EMJ
6	Hampton Point LS	2608 Cashlin Dr, Wake Forest, NC 27587 934 Pristine Ln.	WW_RTU	900MHz to Rolesville WT
7	Crossroads Commons LS	5310 Dilliard Rd.	WW_RTU	900MHz to Hwy 54 WT
				900MHz to New Hope WT
8	Peyton Hall LS	3735 Charleston Park Dr.	WW_RTU	<u>'</u>
9	Globe Road LS	10589 Globe Rd.	WW_RTU	900MHz to Leesville WT
10	Willowcrest LS	Smoke Willow Rd, Rolesville	WW_RTU	900MHz to Rolesville WT
11	Draymoore LS	13238 Ashford Park Dr.	WW_RTU	900MHz to Springdale WT
12	Eagle Chase LS	1910 Teabrook Ct.	WW_RTU	900MHz to Hodge WT
13	Lafeyette LS	8331 La Matisse	WW_RTU	900MHz to EMJ
14	Harrington Grove LS	5280 Fairmead Cir.	WW_RTU	900MHz to Leesville WT
15	Kings Subdivision LS	2771 Sadie Hopkins Rd.	WW_RTU	900MHz to Hwy 54 WT
16	Battle Bridge LS	3500 Mechanicsville Run Ln	WW_RTU	900MHz to Hodge WT
17	Turkey Creek LS	8299 Glenwood Ave.	WW_RTU	900MHz to Springdale WT
18	Sycamore Creek LS	9299 Glenwood Ave.	WW_RTU	900MHz to Leesville WT
19	Brier Creek LS	10260 Globe Rd.	WW_RTU	900MHz to Leesville WT
20	Providence Square LS	8211 Hempshire Pl, Raleigh NC 27613	WW_RTU	900MHz to Six Forks
21	Wynbrooke LS	12839 Edsel Dr.	WW_RTU	900MHz to Springdale WT
22	Brighton LS	7112 Lowell Ridge Rd.	WW_RTU	900MHz to New Hope WT
23	Walnut Creek LS	2300 Barwell Rd.	WW_RTU	900MHz to Hodge WT
24	Crabtree Creek LS	2521 Carl Sandburg Ct.	WW_RTU	900MHz to Sunnybrook RT
25	Silver Lake LS	5044 Tryon Rd.	WW_RTU	900MHz to Hwy 54 WT
26	Walnut Creek Odor Ctrl	1810 Fayetteville St.	WW_RTU	900MHz to Hwy 54 WT
27	Forestville Farms LS	3599 Forestville Rd.	WW_RTU	900MHz to New Hope WT
28	Skycrest LS	3140 Dogwood Dr.	WW_RTU	900MHz to New Hope WT
29	Cardinal Grove LS	5581 Waterflower Ct.	WW_RTU	900MHz to New Hope WT
30	Trinity Academy LS	9206 Concord Hills Ct.	WW_RTU	900MHz to Six Forks
31	New Hope Road LS	1090 New Hope Rd.	WW_RTU	900MHz to Sunnybrook RT
32	Neuse River LS	2 Anderson Point Dr.,Raleigh	WW_RTU	900MHz to Hodge WT
33	Big Branch LS	4821 Rock Quarry, Raleigh	WW_RTU	900MHz to Hodge WT
34	Brandywood LS		WW_RTU	900MHz to Hodge WT
	-	5507 Continental Way		900MHz to Six Forks
35	Wyndham LS	426 Grosvenor Dr.	WW_RTU	
36	Pleasant Union Sch LS	1900 Pleasant Union Church Rd.	WW_RTU	900MHz to EMJ
37	Bent Tree LS	8720 Carriage Tour Ln.	WW_RTU	900MHz to EMJ
38	Hometown LS	9112 Hometown Dr.	WW_RTU	900MHz to EMJ
39	Rolesville LS	109 Bowling St.	WW_RTU	900MHz to Rolesville WT
40	Woodlawn LS	8536 Erinsbrook Dr.	WW_RTU	900MHz to Leesville WT
41	Trenton Place LS	2432 Trenton Woods Way	WW_RTU	900MHz to Hwy 54 WT
42	Buffaloe Rd Odor Ctrl	6616 Buffaloe Rd.	WW_RTU	900MHz to New Hope WT
43	Manchester LS	1018 Enderbury Dr.	WW_RTU	900MHz to EMJ
44	Brassfield School LS	2001 Brassfield Rd.	WW_RTU	900MHz to EMJ
45	Banbury LS	1400 Shadowview Ct.	WW_RTU	900MHz to EMJ
46	Entrophy LS	8241 Glenwood Ave.	WW_RTU	900MHz to Leesville WT
47	Beacon Hill LS	4189 Lake Woodard Dr.	WW_RTU	900MHz to Sunnybrook RT
48	Sheffield LS	Koupela Rd.	WW_RTU	900MHz to EMJ
49	Woods Of Tiffany LS	1311 1/2 Brookfiels Rd.	WW_RTU	900MHz to Springdale WT
50	Yates Mill Road Pond LS	Yates Mill Rd.	WW_RTU	900MHz to Hwy 54 WT
51	Stone Creek #1 LS	10517 Leslie Dr.	WW_RTU	900MHz to Six Forks
52	Stone Creek #2 LS	10704 Cheshire	WW_RTU	900MHz to Six Forks
53	Park Ridge LS	1253 Hillingdon Way	WW_RTU	900MHz to EMJ
<u>55</u>	Stone Bridge LS	2420 Hartley Dr.	WW_RTU	900MHz to Leesville WT
55	Avenshire LS	Mistiflower Dr, Raleigh, NC 27606	WW_RTU	900MHz to Hwy 54 WT
55 	Trenton Point	Trenton Rd Raleigh, NC 27607	WW_RTU	900MHz to Hwy 54 WT
30		Henton Na Naicign, NC 27007		900Mhz to E Garner Tank
57	White Oak LS	5480 Raynor Rd.	WW_RTU	WT
58	Averette Ridge	Shadowdale Ln, Wake Forest	WW_RTU	900MHz to Rolesville WT
59	Corporate Center LS	6901-6951 Chapel Hill Rd, Raleigh, NC 27607	WW_RTU	900MHz to Hwy 54 WT
60	Rosemoor Place LS	135 Bonica Ck Dr.	WW_RTU	900Mhz to E Garner Tank WT
		155 Borned CK Dr.		900Mhz to E Garner Tank
61	East Garner LS	781 East Garner Rd.	WW_RTU	WT

62	Riverview Commons LS	6105 Poole Rd	WW_RTU	900MHz to Hodge WT
63	Poplar Creek Village	Stoney Falls Way, Knightdale, NC 27545	WW_RTU	900Mhz to NR WWTP
64	Indian Creek LS	1213 Onandaga Dr. Garner, NC 27529	WW_RTU	900Mhz to Benton WTP
65	Arbor Green LS	2775 Benson Rd.	WW_RTU	900Mhz to Benton WTP
66	Aversboro Road LS	2390 Aversboro Rd.	WW_RTU	900MHz to Rand Mill WT
67	Greenspring Valley LS	1018 Spring Garden Cir. Raleigh	WW_RTU	900MHz to Rand Mill WT
68	Eagle Ridge 1 LS	205 Inkster Cove	WW_RTU	900MHz to Rand Mill WT
69	Eagle Ridge 2 LS	210 Mallana St	WW_RTU	900Mhz to E Garner Tank
70	Villages Of Swift Creek	319 Mellons St. 3928+ gorman st.	WW_RTU	WT 900MHz to Hwy 54 WT
	Maxwell Drive LS		WW_RTU	900Mhz to E Garner Tank
71 72	North/South LS	695 Maxwell Dr. 3960 Junction Blvd.	WW_RTU	900MHz to Rand Mill WT
73	Granite Falls LS	Granite Falls Blvd.	WW_RTU	900MHz to Rolesville WT
 74	Vandora Pines LS	116 Cossack Circle	WW_RTU	900MHz to Rand Mill WT
75	Oak Park LS	1560 New Bethel Church Rd	WW_RTU	900MHz to Benton WTP
75 76	Wendell Falls LS	10408 Poole Road, Wendell	WW_RTU	900MHz to Hwy 64 WT
77	Langston Ridge LS	·	WW_RTU	900MHz to Sunnybrook RT
	Wyndcrest LS	Camarillo Ct. (Hodge Rd./Caspian Dr.)	WW_RTU	900MHz to Leesville WT
	South Main LS	9213 Ray Rd Raleigh	WW_RTU	
79		1175 South Main, Wake Forest	_	900MHz to Friendship WT
80	The Reserve LS	1504 Ridgeway Bluff	WW_RTU	900MHz to White WT
81	Prestwicke LS	2733 Pinfold Ln, Wake Forest	WW_RTU	900MHz to FNeuse WT
82	St. Ives LS	7323 Sparhawk Road, Wake Forest	WW_RTU	900MHz to FNeuse WT
83	Jenkins Rd LS	1304 Jenkins Road, Wake Forest	WW_RTU	900MHz to FNeuse WT
84	Staffordshire LS	834 Lochmaben Court,Wake Forest	WW_RTU	900MHz to Friendship WT 900Mhz to E Garner Tank
85	Auburn Village LS	4404 Auburn Knightdale Rd	WW_RTU	WT
86	Edge of Auburn	Rock Quarry Rd Garner	WW_RTU	
87	East Gate 540 LS	325 Spectrum Dr	WW_RTU	900MHz to Hodge WT
88	Upper Poplar Creek LS	8915-9115 State Road 1007 Knightdale, NC 27545 272 ft S	WW_RTU	900MHz to Hwy 64 WT
89	Lockhart LS	1320 Smithfield Rd, Knightdale	WW_RTU	900MHz to Hwy 64 WT
90	Knightdale LS	, Knightdale St	WW_RTU	900MHz to Hodge WT
91	Mark's Creek LS	8109 Us Hwy 64E, Knightdale	WW_RTU	900MHz to Hwy 64 WT
92	Faison Rd LS	413 Faison Rd,,Knightdale	WW_RTU	900MHz to Hwy 64 WT
93	Harper St LS	120 Harper St, Knightdale	WW_RTU	900MHz to Hwy 64 WT
94	540 West LS	Old Milburnie Rd Knightdale	WW_RTU	900MHz to
95	Edens Ridge LS	3045 Eden Harbor Ct Raleigh	WW_RTU	900MHz to Six Forks WT
96	GrassHopper LS	6225 Grasshopper Rd, Raleigh, NC 27610	WW_RTU	900MHz to Hodge WT
97	Greenwillow LS	515 Greenwillow Cir, Wendell	WW_RTU	900MHz to Poplar St WT
98	Northwinds 1 LS	733 Old Zebulon Rd, Wendell	WW_RTU	900MHz to Poplar St WT
99	Northwinds 2 LS	209-A Northwinds Dr, Wendell	WW_RTU	900MHz to Poplar St WT
100	Whitley Way LS	4790 Wendell Blvd, Wendell	WW_RTU	900MHz to Poplar St WT
101	Carver School LS	944 Morphus Bridge Rd, Wendell	WW_RTU	900MHz to Lions Club WT
102	Selma Rd LS	390 South Selma Rd, Wendell	WW_RTU	900MHz to Lions Club WT
103	Wellington LS	112-A Grange Dr., Wendell	WW_RTU	900MHz to Poplar St WT
104	Poole Rd LS	320 Poole Rd,, Wendell	WW_RTU	900MHz to Lions Club WT
		450 Lake Glad Rd,, Wendell	WW_RTU	900MHz to Poplar St WT
TOO	Jones Landing LS		V V V V I X I C	
105	Jones Landing LS The Avenue			900Mhz to E Garner Tank
106	The Avenue	Old Garner Rd	WW_RTU	900Mhz to E Garner Tank WT
106 107	The Avenue Mack Todd LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon	WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108	The Avenue Mack Todd LS Hardees LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon	WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT 900MHz to Vance St WT
106 107 108 109	The Avenue Mack Todd LS Hardees LS Gannon LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon	WW_RTU WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT 900MHz to Vance St WT 900MHz to Vance St WT
106 107 108 109 110	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon	WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108 109 110 111	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon	WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108 109 110 111 112	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon	WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108 109 110 111 112 113	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS Beaverdam Creek LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon 833 Parks Village Rd, Zebulon NC	WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108 109 110 111 112 113 114	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS Beaverdam Creek LS Sunnybrook Reuse Tank	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon 833 Parks Village Rd, Zebulon NC Sunnybrook Rd	WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_RTU WW_Tank	900Mhz to E Garner Tank WT 900MHz to Vance St WT High Speed Mesh
106 107 108 109 110 111 112 113 114 115	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS Beaverdam Creek LS Sunnybrook Reuse Tank Highland Creek 2 LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon 833 Parks Village Rd, Zebulon NC Sunnybrook Rd 3300 Althorp Dr Wake Forest NC 27587	WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT
106 107 108 109 110 111 112 113 114 115 116	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS Beaverdam Creek LS Sunnybrook Reuse Tank Highland Creek 2 LS Creedmore Reserve	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon 833 Parks Village Rd, Zebulon NC Sunnybrook Rd 3300 Althorp Dr Wake Forest NC 27587 Creedmore Rd Raleigh	WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT High Speed Mesh 900MHz to Rolesville WT
106 107 108 109 110 111 112 113 114 115	The Avenue Mack Todd LS Hardees LS Gannon LS Lonesome Wind LS Southland LS Azalea Dr LS Beaverdam Creek LS Sunnybrook Reuse Tank Highland Creek 2 LS	Old Garner Rd 980 Mack Todd Rd,,Zebulon 615 W Gannon Ave,,Zebulon 1301 W Gannon Ave,,Zebulon 101 Lonesome Wind Way, Zebulon 313 Southland Dr,,Zebulon 1218 Azalea Dr,,Zebulon 833 Parks Village Rd, Zebulon NC Sunnybrook Rd 3300 Althorp Dr Wake Forest NC 27587	WW_RTU	900Mhz to E Garner Tank WT 900MHz to Vance St WT High Speed Mesh

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