



STATE OF NORTH CAROLINA

Department of Environmental Quality

Request for Proposal #: 16-100163-KP

Materials Management Optimization

Date of Issue: 05/02/2024

Proposal Opening Date: 05/31/2024

At 2:00:00 PM ET

Direct all inquiries concerning this RFP to:

Ketki Patel

Procurement Specialist II

Email: ketki.patel@deq.nc.gov

Phone: 919-707-8533



STATE OF NORTH CAROLINA

Request for Proposal

16-100163-KP

For internal State agency processing, including tabulation of proposals, provide your company's eVP (Electronic Vendor Portal) Number. Pursuant to G.S. 132-1.10(b) this identification number shall not be released to the public. **This page will be removed and shredded, or otherwise kept confidential**, before the procurement file is made available for public inspection.

**This page shall be filled out and returned with your proposal.
Failure to do so may subject your proposal to rejection.**

Vendor Name

Vendor eVP#

Note: For a contract to be awarded to you, your company (you) must be a North Carolina registered vendor in good standing. You must enter the vendor number assigned through eVP (Electronic Vendor Portal). If you do not have a vendor number, register at <https://vendor.ncgov.com/vendor/login>

STATE OF NORTH CAROLINA
Department of Environmental Quality

Refer <u>ALL</u> Inquiries regarding this RFP to the procurement lead through the Message Board in the Sourcing Tool. See section 2.5 for details.	Request for Proposal #: 16-100163-KP
	Proposals will be opened: 05/31/2024 at 2:00 PM (EST)
Using Agency: State Energy Office	Commodity No. and Description: 811419 Manufacturing technology research and development
Requisition No.:	

EXECUTION

In compliance with this Request for Proposals (RFP), and subject to all the conditions herein, the undersigned Vendor offers and agrees to furnish and deliver any or all items upon which prices are bid, at the prices set opposite each item within the time specified herein.

By executing this proposal, the undersigned Vendor understands that false certification is a Class I felony and certifies that:

- this proposal is submitted competitively and without collusion (G.S. 143-54),
- none of its officers, directors, or owners of an unincorporated business entity has been convicted of any violations of Chapter 78A of the General Statutes, the Securities Act of 1933, or the Securities Exchange Act of 1934 (G.S. 143-59.2), and
- it is not an ineligible Vendor as set forth in G.S. 143-59.1.

Furthermore, by executing this proposal, the undersigned certifies to the best of Vendor's knowledge and belief, that:

- it and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from covered transactions by any Federal or State department or agency.

As required by G.S. 143-48.5, the undersigned Vendor certifies that it, and each of its sub-Contractors for any Contract awarded as a result of this RFP, complies with the requirements of Article 2 of Chapter 64 of the NC General Statutes, including the requirement for each employer with more than 25 employees in North Carolina to verify the work authorization of its employees through the federal E-Verify system.

As required by Executive Order 24 (2017), the undersigned vendor certifies will comply with all Federal and State requirements concerning fair employment and that it does not and will not discriminate, harass, or retaliate against any employee in connection with performance of any Contract arising from this solicitation.

G.S. 133-32 and Executive Order 24 (2009) prohibit the offer to, or acceptance by, any State Employee associated with the preparing plans, specifications, estimates for public contracts; or awarding or administering public contracts; or inspecting or supervising delivery of the public contract of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of this response to the RFP, the undersigned certifies, for Vendor's entire organization and its employees or agents, that Vendor is not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

By executing this bid, Vendor certifies that it has read and agreed to the **INSTRUCTION TO VENDORS** and the **NORTH CAROLINA GENERAL TERMS AND CONDITIONS incorporated herein**. These documents can be accessed from the Ariba Sourcing Tool.

Proposal Number: 16-100163-KP

Vendor: _____

Failure to execute/sign proposal prior to submittal may render proposal invalid and it MAY BE REJECTED. Late proposals shall not be accepted.

COMPLETE/FORMAL NAME OF VENDOR:		
STREET ADDRESS:	P.O. BOX:	ZIP:
CITY & STATE & ZIP:	TELEPHONE NUMBER:	TOLL FREE TEL. NO:
PRINCIPAL PLACE OF BUSINESS ADDRESS IF DIFFERENT FROM ABOVE (SEE INSTRUCTIONS TO VENDORS ITEM #21):		
PRINT NAME & TITLE OF PERSON SIGNING ON BEHALF OF VENDOR:		FAX NUMBER:
VENDOR'S AUTHORIZED SIGNATURE*:	DATE:	EMAIL:

VALIDITY PERIOD

Offer shall be valid for at least one hundred twenty (120) days from date of bid opening, unless otherwise stated here: ----- days, or if extended by mutual agreement of the parties in writing. Any withdrawal of this offer shall be made in writing, effective upon receipt by the agency issuing this RFP.

ACCEPTANCE OF PROPOSAL

If your proposal is accepted, all provisions of this RFP, along with the written results of any negotiations, shall constitute the written agreement between the parties ("Contract"). The NORTH CAROLINA GENERAL TERMS AND CONDITIONS are incorporated herein and shall apply. Depending upon the Goods or Services being offered, other terms and conditions may apply, as mutually agreed.

FOR STATE USE ONLY: Offer accepted and Contract awarded this _____ day of _____, 20____, as indicated on

The attached certification, by _____.

(Authorized Representative of Department of Environmental Quality)

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1.0 PURPOSE AND BACKGROUND

The North Carolina Department of Environmental Quality (NCDEQ) seeks a vendor (or vendors) to conduct a Statewide Materials Management Optimization Study to understand the composition of the state's waste stream and provide a comprehensive analysis of recycling processing throughout the state. The study will identify opportunities for source reduction and diversion to recycling, composting, and other preferred management pathways. Additionally, the study will identify gaps in diversion capacity and opportunities for improvements to recycling infrastructure, operations, and transportation.

The Statewide Materials Management Optimization Study will focus on four primary research areas. Ideally one proposal will be awarded to address all four research areas among other relevant findings; however, the Agency reserves the right to separate the awarding of individual research areas to different vendors.

Background:

The Division of Environmental Assistance and Customer Service (DEACS) is a non-regulatory division in NCDEQ which protects the state's natural resources for the health and prosperity of all North Carolinians. DEACS accomplishes these goals by encouraging sustainable practices, advancing recycling efforts, reducing waste generation and disposal, and promoting more efficient resources consumption.

NCDEQ has been awarded grant funding through the Environmental Protection Agency (EPA) Solid Waste Infrastructure for Recycling (SWIFR) program to conduct long-term planning and data collection. Projects are expected to facilitate progress toward the National Recycling Goal of increasing the national recycling rate to 50% by 2030) and the Food Loss and Waste Reduction Goal of reducing food waste by 50% by 2030).

While NCDEQ has a robust dataset of solid waste and recycling data from local governments, recycling and composting data is lacking from the private sector (commercial and industrial sources). The state has data about the amount of material landfilled but does not have information about the composition of that material. Understanding the makeup of landfilled waste will allow for more strategic diversion efforts. Additionally, recycling facilities are not permitted in North Carolina and do not report the types and quantities of materials recovered and returned to economic use.

Collecting this information will facilitate a more comprehensive statewide planning process to set informed and strategic goals to reduce waste, recycle, and return materials back into economic use.

The intent of this solicitation is to award an Agency Contract.

1.1 CONTRACT TERM

The Contract shall have an initial term of one (1) year and six (6) months, beginning on the date of final Contract execution (the "Effective Date").

At the end of the Contract's initial term, the State shall have the option, in its sole discretion, to renew the Contract on the same terms and conditions for up to two (2) additional one-year terms. In addition, the State reserves the right to extend a contract term after the last active term.

Proposals shall be submitted in accordance with the terms and conditions of this RFP and any addenda issued hereto.

2.0 GENERAL INFORMATION

2.1 REQUEST FOR PROPOSAL DOCUMENT

This RFP is comprised of the base RFP document, any attachments, and any addenda released before Contract award, which are incorporated herein by reference.

2.2 E-PROCUREMENT FEE

ATTENTION: This is an NC eProcurement solicitation facilitated by the Ariba Network. The E-Procurement fee may apply to this solicitation. See the paragraph entitled ELECTRONIC PROCUREMENT of the North Carolina General Terms and Conditions.

General information on the E-Procurement Services can be found at: <http://eprocurement.nc.gov/>.

What is the Ariba Network?

The Ariba Network is a web-based platform that serves as a connection point for buyers and vendors. Vendors can log in to the Ariba Network to view purchase orders, respond to electronic requests for quotes, participate in Sourcing Events, and collaborate with buyers on contract documents.

For training on how to use the Sourcing Tool to view solicitations, submit questions, develop responses, upload documents, and submit offers to the State, Vendors should go to the following site:

<http://eprocurement.nc.gov/training/vendor-training>.

2.3 NOTICE TO VENDORS REGARDING RFP TERMS AND CONDITIONS

It shall be the Vendor's responsibility to read the Instructions to Vendors, the North Carolina General Terms and Conditions, all relevant exhibits and attachments, and any other components made a part of this RFP and comply with all requirements and specifications herein. Vendors are also responsible for obtaining and complying with all Addenda and other changes that may be issued in connection with this RFP.

If Vendors have questions, issues, regarding any component of this RFP, those must be submitted as questions in accordance with the instructions in the PROPOSAL QUESTIONS Section. If the State determines that any changes will be made as a result of the questions asked, then such decisions will be communicated in the form of an RFP addendum. The State may also elect to leave open the possibility for later negotiation of specific provisions of the Contract that have been addressed during the question-and-answer period, prior to contract award.

Other than through the process of negotiation under 01 NCAC 05B.0503, the State rejects and will not be required to evaluate or consider any additional or modified terms and conditions submitted with Vendor's proposal or otherwise. This applies to any language appearing in or attached to the document as part of the Vendor's proposal that purports to vary any terms and conditions or Vendors' instructions herein or to render the proposal non-binding or subject to further negotiation. Vendor's proposal shall constitute a firm offer that shall be held open for the period required herein ("Validity Period" above).

The State may exercise in its discretion to consider Vendor proposed modifications. By execution and delivery of this RFP Response, the Vendor agrees that any additional or modified terms and conditions, whether submitted purposely or inadvertently, shall have no force or effect, and will be disregarded unless expressly agreed upon through negotiations and incorporated by way of a Best and Final Offer (BAFO). Noncompliance with, or any attempt to alter or delete, this paragraph shall constitute sufficient grounds to reject Vendor's proposal as nonresponsive.

2.4 RFP SCHEDULE

The table below shows the *intended* schedule for this RFP. The State will make every effort to adhere to this schedule.

Event	Responsibility	Date and Time
Issue RFP	State	May 2nd, 2024
Submit Written Questions	Vendor	May 14 th , 2024
Provide Response to Questions	State	May 17 th , 2024
Submit Proposals	Vendor	May 31 th , 2024
Contract Award	State	TBD

2.5 PROPOSAL QUESTIONS

Upon review of the RFP documents, Vendors may have questions to clarify or interpret the RFP in order to submit the best proposal possible. To accommodate the Proposal Questions process, Vendors shall submit any such questions by the "Submit Written Questions" date and time provided in the RFP SCHEDULE Section above, unless modified by Addendum.

Questions related to the content of the solicitation, or the procurement process should be directed to the person on the title page of this document via the Sourcing Tool's message board by the date and time specified in the RFP SCHEDULE Section of this RFP. Vendors will enter "**RFP # 16-100163-KP– Questions**" as the subject of the message. Question submittals should include a reference to the applicable RFP section. This is the only manner in which questions will be received.

Questions or issues related to using the Sourcing Tool itself can be directed to the North Carolina eProcurement Help Desk at 888-211-7440, Option 2. Help Desk representatives are available Monday through Friday from 7:30 AM ET to 5:00 PM ET.

Questions received prior to the submission deadline date, the State's response, and any additional terms deemed necessary by the State will be posted in the Sourcing Tool in the form of an addendum and shall become an Addendum to this RFP. No information, instruction or advice provided orally or informally by any State personnel, whether made in response to a question or otherwise in connection with this RFP, shall be considered authoritative or binding. Vendors shall rely *only* on written material contained in the RFP and an addendum to this RFP.

2.6 PROPOSAL SUBMITTAL

IMPORTANT NOTE: This is an absolute requirement. Late bids, regardless of cause, will not be opened or considered, and will be automatically disqualified from further consideration. Vendor shall bear the sole risk of late submission due to unintended or unanticipated delay. It is the Vendor's sole responsibility to ensure its proposal has been received as described in this RFP by the specified time and date of opening. Failure to submit a proposal in strict accordance with instructions provided shall constitute sufficient cause to reject a Vendor's proposal(s). Solicitation responses are subject to Sealed Bidding requirements.

Vendor's proposals for this procurement must be submitted through the Sourcing Tool. For training on how to use the Sourcing Tool to view solicitations, submit questions, develop responses, upload documents, and submit offers to the State, Vendors should go to the following site: <https://eprocurement.nc.gov/training/vendor-training>

Questions or issues related to using the Sourcing Tool itself can be directed to the North Carolina eProcurement Help Desk at 888-211-7440, Option 2. Help Desk representatives are available Monday through Friday from 7:30 AM EST to 5:00 PM EST.

Tips for Using the Sourcing Tool

1. Vendors should review available training and confirm that they are able to access the Sourcing Event, enter responses, and upload files well in advance of the date and time response are due to allow sufficient time to seek assistance from the North Carolina eProcurement Help Desk.
2. Vendors may submit their responses early to make sure there are no issues, and then submit a revised response any time prior to the response due date and time. The State will only review the most recent response.
3. Vendors should respond to all relevant sections of the Sourcing Event. Certain questions or items are required in order to submit a response and are denoted with an asterisk. The Sourcing Tool will not allow a response to be submitted unless all required items are completed. The Sourcing Tool will provide error messages to help identify any required information that is missing when response is submitted.
4. Simply saving your response in the Sourcing Tool is not the same as submitting your response to the State. Vendors should make sure they complete the submission process and receive a message that their response was successfully submitted.
5. **Only Proposals submitted through the Content Section of the Ariba Sourcing Event will be considered. Proposals submitted through the Message Board will not be accepted or considered for award.**

If confidential and proprietary information is included in the proposal, also submit one (1) signed, REDACTED copy of the proposal. Such information may include trade secrets defined by N.C. Gen. Stat. § 66-152 and other information exempted from the Public Records Act pursuant to N.C. Gen. Stat. §132- 1.2. Vendor may designate information, Products, Services or appropriate portions of its response as confidential, consistent with and to the extent permitted under the statutes and rules set forth above. By so redacting any page, or portion of a page, the Vendor warrants that it has formed a good faith opinion, having received such necessary or proper review by counsel and other knowledgeable advisors, that the portions determined to be confidential and proprietary and redacted as such, meet the requirements of the Rules and Statutes set forth above. However, under no circumstances shall price information be designated as confidential.

If the Vendor does not provide a redacted version of the proposal with its proposal submission, the Department may release an unredacted version if a record request is received.

2.7 PROPOSAL CONTENTS

Vendors shall provide responses to all questions and complete all attachments for this RFP that require the Vendor to provide information and upload them to the Sourcing Event in the Sourcing Tool. Vendor may not be able to submit its response in the Sourcing Tool unless all required items are addressed. Vendors shall provide authorized signatures where requested. Failure to provide all required items, or Vendor's submission of incomplete items, may result in the State rejecting Vendor's proposal, in the State's sole discretion.

Vendor shall include the following items and attachments in the Sourcing Tool:

- a) Cover Letter, which must contain the following: (i) a statement that confirms that the proposer has read the RFP in its entirety, including all links, and all Addenda released in conjunction with the RFP; (ii) a statement that the Vendor agrees to perform in accordance with the scope of work, requirements, and specifications contained herein; and (iii) Vendor's agreement to comply with all instructions, terms and conditions, and attachments.
- b) Title Page: Include the company name, address, phone number and authorized representative along with the Proposal Number.
- c) Completed and signed version of all EXECUTION PAGES, along with the body of the RFP.
- d) Signed receipt pages of any addenda released in conjunction with this RFP, if required to be returned.
- e) Vendor's Proposal addressing all Specifications of this RFP must include:
 - 1) A detailed scope of work and proposed timeline addressing the above areas of research (research areas A through D) as outlined in section 5.1
 - a. A proposed timeline as outlined in section 5.2.1
 - b. The timeline will also include periodic virtual meetings (at least monthly) between the Vendor and Agency staff to discuss updates about the project. Additional meetings will take place as requested by the Agency.
 - 2) A preliminary study design, as outlined in section 5.4
 - 3) A Health and Safety Plan as outlined in section 5.2.2
 - 4) An explanation of the Vendor's experience as outlined in section 4.5
 - 5) A complete price proposal which will include an all-inclusive fixed cost but may also be broken down by research areas A through D as outlined in section 5.1, if the Vendor would like to be considered for a portion of the award. Proposals in excess of \$400,000 shall not be considered. The Agency will not automatically award proposals with the lowest bid. Bid price is one element which will be considered in the comprehensive evaluation process.
 - 6) Vendor information including:
 - a. Name of Proposer
 - b. Business Location
 - c. Mailing Address
 - d. Primary Contact Name
 - e. Telephone Number

- f. E-mail Address
- g. Federal Employer ID Number/ re
- f) Completed version of ATTACHMENT A: PRICING
- g) Completed and signed version of ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION
- h) Completed and signed version of ATTACHMENT E: CUSTOMER REFERENCE FORM
- i) Completed and signed version of ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR
- j) Completed and signed version of ATTACHMENT G: CERTIFICATION OF FINANCIAL CONDITION

2.8 DEFINITIONS, ACRONYMS, AND ABBREVIATIONS

Relevant definitions for this RFP are provided in 01 NCAC 05A .0112 and in the Instructions to Vendors found in the Sourcing Tool, which are incorporated herein by this reference.

The following definitions, acronyms, and abbreviations are also relevant to this RFP:

- a) NCDEQ- North Carolina Department of Environmental Quality
- b) DEACS- Division of Environmental Assistance and Customer Service
- c) SWIFR- Solid Waste Infrastructure for Recycling Program

3.0 METHOD OF AWARD AND PROPOSAL EVALUATION PROCESS

3.1 METHOD OF AWARD

North Carolina G.S. 143-52 provides a general list of criteria the State shall use to award contracts, as supplemented by the additional criteria herein. The Goods or Services being procured shall dictate the application and order of criteria; however, all award decisions shall be in the State's best interest. All qualified proposals will be evaluated, and awards will be made to the Vendor(s) meeting the specific RFP Specifications and achieving the highest and best final evaluation, based on the criteria described below.

While the intent of this RFP is to award a Contract(s) to a single Vendor, however the State reserves the right to make separate awards to different Vendors for one or more research areas mentioned in the specification or to cancel this RFP in its entirety without awarding a Contract, if it is considered to be most advantageous to the State to do so.

The State reserves the right to waive any minor informality or technicality in proposals received.

3.2 CONFIDENTIALITY AND PROHIBITED COMMUNICATIONS DURING EVALUATION

While this RFP is under evaluation, the responding Vendor, including any subcontractors and suppliers, is prohibited from engaging in conversations intended to influence the outcome of the evaluation. See Paragraph 29 of the Instructions to Vendors entitled COMMUNICATIONS BY VENDORS.

Each Vendor submitting a proposal to this RFP, including its employees, agents, subcontractors, suppliers, subsidiaries and affiliates, is prohibited from having any communications with any person inside or outside the using agency; issuing agency; other government agency office or body (including the purchaser named above, any department secretary, agency head, members of the General Assembly and Governor's office); or private entity, if the communication refers to the content of Vendor's proposal or qualifications, the content of another Vendor's proposal, another Vendor's qualifications or ability to perform a resulting contract, and/or the transmittal of any other communication of information that could be reasonably considered to have the effect of directly or indirectly influencing the evaluation of proposals, the award of a contract, or both.

Any Vendor not in compliance with this provision shall be disqualified from evaluation and award. A Vendor's proposal may be disqualified if its subcontractor and/or supplier engage in any of the foregoing communications during the time that the procurement is active (*i.e.*, the issuance date of the procurement until the date of contract award or cancellation of the procurement). Only those discussions, communications or transmittals of information authorized or initiated by the issuing agency

for this RFP or inquiries directed to the purchaser named in this RFP regarding requirements of the RFP (prior to proposal submission) or the status of the award (after submission) are excepted from this provision.

3.3 PROPOSAL EVALUATION PROCESS

Only responsive submissions will be evaluated.

The State will conduct a One-Step evaluation of Proposals:

Proposals will be received according to the method stated in the Proposal Submittal Section above.

All proposals must be received by the issuing agency not later than the date and time specified in the RFP SCHEDULE Section above, unless modified by Addendum. Vendors are cautioned that this is a request for offers, not an offer or request to contract, and the State reserves the unqualified right to reject any and all offers at any time if such rejection is deemed to be in the best interest of the State.

At the date and time provided in the RFP SCHEDULE Section above, unless modified by Addendum, the proposal from each responding Vendor will be opened publicly and all offers (except those that have been previously withdrawn, or voided bids) will be tabulated. The tabulation shall be made public at the time it is created. When negotiations after receipt of bids are authorized pursuant to G.S. 143-49 and 01 NCAC 05B.0503, only the names of offerors and the Goods and Services offered shall be tabulated at the time of opening. If negotiation is anticipated, cost and price shall become available for public inspection at the time of the award. Interested parties are cautioned that these costs and their components are subject to further evaluation for completeness and correctness and therefore may not be an exact indicator of a Vendor's pricing position.

At their option, the evaluators may request oral presentations or discussions with any or all Vendors for clarification or to amplify the materials presented in any part of the proposal. Vendors are cautioned, however, that the evaluators are not required to request presentations or other clarification—and often do not. Therefore, all proposals should be complete and reflect the most favorable terms available from the Vendor.

Upon completion of the evaluation process, the State will make award(s) based on the evaluation and post the award(s) to the electronic Vendor Portal (eVP), <https://evp.nc.gov>, under the RFP number for this solicitation. Award of a Contract to one Vendor does not mean that the other proposals lacked merit, but that, all factors considered, the selected proposal was deemed most advantageous and represented the best value to the State.

The State reserves the right to negotiate with one or more vendors, or to reject all original offers and negotiate with one or more sources of supply that may be capable of satisfying the requirement, and in either case to require Vendor to submit a Best and Final Offer (BAFO) based on discussions and negotiations with the State.

3.4 EVALUATION CRITERIA

EVALUTION METHOD: All qualified proposals will be evaluated, and award made based on considering the following criteria listed in descending order of importance, to result in an award most advantageous to the State:

Evaluation Criteria	Total
Preliminary Study Design & Scope of Work - Section 5.4	40
Vendor Experience - Section 4.5	30
Price Proposal - Attachment A	10
Health and Safety Plan - Section 5.2.2	10

Proposed Timeline - Section 5.2.1	10
Total	100

The State will determine low cost by normalizing the scores as follows:

The proposal with the lowest cost will receive a score of 10. All other competing proposals will be assigned a portion of the maximum score using the formula:

$$10 \text{ Total Points} \times \frac{\text{the cost of the lowest cost proposal}}{\text{the cost of the cost proposal being evaluated}}$$

3.5 PERFORMANCE OUTSIDE THE UNITED STATES

Vendor shall complete ATTACHMENT F: LOCATION OF WORKERS UTILIZED BY VENDOR. In addition to any other evaluation criteria identified in this RFP, the State may also consider, for purposes of evaluating proposed or actual contract performance outside of the United States, how that performance may affect the following factors to ensure that any award will be in the best interest of the State:

- a) Total cost to the State
- b) Level of quality provided by the Vendor
- c) Process and performance capability across multiple jurisdictions
- d) Protection of the State's information and intellectual property
- e) Availability of pertinent skills
- f) Ability to understand the State's business requirements and internal operational culture
- g) Particular risk factors such as the security of the State's information technology
- h) Relations with citizens and employees
- i) Contract enforcement jurisdictional issues

3.6 INTERPRETATION OF TERMS AND PHRASES

This RFP serves two functions: (1) to advise potential Vendors of the parameters of the solution being sought by the State; and (2) to provide (together with other specified documents) the terms of the Contract resulting from this procurement. The use of phrases such as "shall," "must," and "requirements" are intended to create enforceable contract conditions. In determining whether proposals should be evaluated or rejected, the State will take into consideration the degree to which Vendors have proposed or failed to propose solutions that will satisfy the State's needs as described in the RFP. Except as specifically stated in the RFP, no one requirement shall automatically disqualify a Vendor from consideration. However, failure to comply with any single requirement may result in the State exercising its discretion to reject a proposal in its entirety.

4.0 REQUIREMENTS

This Section lists the requirements related to this RFP. By submitting a proposal, the Vendor agrees to meet all stated requirements in this Section as well as any other specifications, requirements, and terms and conditions stated in this RFP. If a Vendor is unclear about a requirement or specification, or believes a change to a requirement would allow for the State to receive a better proposal, the Vendor is urged to submit these items in the form of a question during the question-and-answer period in accordance with the Proposal Questions Section above.

4.1 PRICING

Proposal price shall constitute the total cost to the State for complete performance in accordance with the requirements and specifications herein, including all applicable charges for handling, transportation, administrative and other similar fees. Complete the pricing line-item table provided in ATTACHMENT -A. The pricing provided in ATTACHMENT-A, or resulting from any negotiations, is incorporated herein and shall become part of any resulting Contract.

4.2 INVOICES

Vendor shall invoice the Purchasing Agency. The standard format for invoicing shall be Single Invoices meaning that the Vendor shall provide the Purchasing Agency with an invoice for each order. Invoices shall include detailed information to allow Purchasing Agency to verify pricing at point of receipt matches the correct price from the original date of order. The following fields shall be included on all invoices, as relevant:

Vendor's Billing Address, Customer Account Number, NC Contract Number, Order Date, Buyer's Order Number, Manufacturer Part Numbers, Vendor Part Numbers, Item Descriptions, Price, Quantity, and Unit of Measure.

INVOICES MAY NOT BE PAID UNTIL AN INSPECTION HAS OCCURRED AND THE GOODS OR SERVICES ACCEPTED.

4.3 FINANCIAL STABILITY

As a condition of contract award, the Vendor must certify that it has the financial capacity to perform and to continue to perform its obligations under the Contract; that Vendor has no constructive or actual knowledge of an actual or potential legal proceeding being brought against Vendor that could materially adversely affect performance of this Contract; and that entering into this Contract is not prohibited by any contract, or order by any court of competent jurisdiction.

Each Vendor shall certify it is financially stable by completing ATTACHMENT G: CERTIFICATION OF FINANCIAL CONDITION. The State is requiring this certification to minimize potential issues from contracting with a Vendor that is financially unstable. From the date of the Certification to the expiration of the Contract, the Vendor shall notify the State within thirty (30) days of any occurrence or condition that materially alters the truth of any statement made in this Certification. The Contract Manager may require annual recertification of the Vendor's financial stability.

4.4 HUB PARTICIPATION

Pursuant to North Carolina General Statute G.S. 143-48, it is State policy to encourage and promote the use of small, minority, physically handicapped, and women contractors in purchasing Goods and Services. As such, this RFP will serve to identify those Vendors that are minority owned or have a strategic plan to support the State's Historically Underutilized Business program by meeting or exceeding the goal of 10% utilization of diverse firms as 1st or 2nd tier subcontractors. Vendor shall complete ATTACHMENT D: HUB SUPPLEMENTAL VENDOR INFORMATION.

4.5 VENDOR EXPERIENCE

In its Proposal, Vendor shall demonstrate experience with public and/or private sector clients with similar or greater size and complexity to the State. Vendor shall provide information as to the qualifications and experience of all executives, 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.

Vendor will provide an explanation of the Vendor's experience with regional or statewide waste characterization studies and analysis of recycling and materials management systems. In the explanation, also describe the Vendor's personnel qualifications through experience and education in conducting solid waste and materials management sorts, analysis of solid waste and materials management data, preparation of statewide characterization data and reports, and provision of strategic materials management recommendations. Provide assurance that the Vendor and its personnel have sufficient capacity to complete the project.

4.6 REFERENCES

Vendor shall upload to the Sourcing Tool at least three (3) references, using ATTACHMENT E: CUSTOMER REFERENCE FORM, for which it has provided Services of similar size and scope to those proposed herein. The State *may* contact these users to determine whether the Services provided are substantially similar in scope to those proposed herein and whether Vendor's performance has been satisfactory. The information obtained *may* be considered in the evaluation of the Proposal.

4.7 PERSONNEL

Vendor warrants that qualified personnel shall provide Services under this Contract in a professional manner. "Professional manner" means that the personnel performing the Services will possess the skill and competence consistent with the prevailing business standards in the industry. Vendor will serve as the prime contractor under this Contract and shall be responsible for the

performance and payment of all subcontractor(s) that may be approved by the State. Names of any third-party Vendors or subcontractors of Vendor may appear for purposes of convenience in Contract documents; and shall not limit Vendor's obligations hereunder. Vendor will retain executive representation for functional and technical expertise as needed in order to incorporate any work by third party subcontractor(s).

Should the Vendor's proposal result in an award, the Vendor shall be required to agree that it will not substitute key personnel assigned to the performance of the Contract without prior written approval by the Contract Lead. Vendor shall further agree that it will notify the Contract Lead of any desired substitution, including the name(s) and references of Vendor's recommended substitute personnel. The State will approve or disapprove the requested substitution in a timely manner. The State may, in its sole discretion, terminate the Services of any person providing Services under this Contract. Upon such termination, the State may request acceptable substitute personnel or terminate the contract Services provided by such personnel.

4.8 VENDOR'S REPRESENTATIONS

If Vendor's Proposal results in an award, Vendor agrees that it will not enter any agreement with a third party that may abridge any rights of the State under the Contract. If any Services, deliverables, functions, or responsibilities not specifically described in this solicitation are required for Vendor's proper performance, provision and delivery of the Service and deliverables under a resulting Contract, or are an inherent part of or necessary sub-task included within such Service, they will be deemed to be implied by and included within the scope of the Contract to the same extent and in the same manner as if specifically described in the Contract. Unless otherwise expressly provided herein, Vendor will furnish all of its own necessary management, supervision, labor, facilities, furniture, computer and telecommunications equipment, software, supplies and materials necessary for the Vendor to provide and deliver the Services and/or other Deliverables.

4.9 AGENCY INSURANCE REQUIREMENTS MODIFICATION

The insurance requirements are set forth in the North Carolina General Terms and Conditions.

Default Insurance Coverage from the General Terms and Conditions applicable to this Solicitation:

- ☒ Small Purchases
- ☐ Contract value in excess of the Small Purchase threshold, but up to \$1,000,000.00
- ☐ Contract value in excess of \$1,000,000.00

5.0 SPECIFICATIONS AND SCOPE OF WORK

5.1 SPECIFICATIONS

The Statewide Materials Management Optimization Study will focus on four (4) primary research areas. Ideally one proposal will be awarded to address all four (4) research areas among other relevant findings; however, the Agency reserves the right to separate the awarding of individual research areas to different proposals.

The four (4) research areas are as follows:

A) Composition of Landfilled Waste Stream

The Vendor is required to determine the composition of the current landfilled waste stream in a statewide representative sample of public and private municipal solid waste and construction and demolition landfills in North Carolina.

Describe your process to accomplish this and how you would provide that information to NCDEQ.

B) Material Market Assessment

The Vendor is required to assess the generation and current management pathways of key material types, including, but not limited to, textiles, batteries, construction and demolition debris, and plastics. The Vendor is responsible for reviewing the data and advising where opportunities exist for reduction, diversion, and market development.

Describe your process to accomplish this and how you would provide that information to NCDEQ.

C) Material Recovery Facilities (MRF) Capacity and Infrastructure Improvements

The Vendor is required to determine the composition and volume of material being processed through North Carolina's sixteen (16) MRFs. The Vendor is responsible for assessing the current and future investment needed to improve operations and address gaps in processing capacity.

Describe your process to accomplish this and how you would provide that information to NCDEQ.

D) Recyclable Recovery Optimization

Vendor is required to determine how recyclable materials flow from collection points (curbside pickups or drop-off locations or commercial recycling routes) to MRFs. Vendor is responsible for assessing where opportunities exist for regional consolidation points, transfer stations, or pre-processing infrastructure to improve efficiency, particularly in rural and underserved areas of North Carolina.

Describe your process to accomplish this and how you would provide that information to NCDEQ.

5.2 TASKS/DELIVERABLES

Proposed methodology should describe how the study will account for appropriate statewide representation, seasonality, and variation with respect to geography and demographics.

Methodology for the composition studies for research areas A and C (as outlined in section 5.1 SPECIFICATIONS) should indicate a proposed frequency of sampling, identify generator types to be differentiated (e.g., residential vs. commercial), and propose a list of main material categories and specific material types to be sorted and analyzed, with final details subject to negotiation with NCDEQ.

For research area A (as outlined in section 5.1 SPECIFICATIONS), NCDEQ suggests Paper, Plastic, Glass, Metal, Organics, Electronics, Construction & Demolition, and Miscellaneous (Household Hazardous Waste and other miscellaneous items) make up the main material categories. Specific material types should include each material banned from landfill disposal in North Carolina General Statute 130A-309.10.

Final reports can include visual representations of the data including tables, graphs, online dashboards, and maps. Reports can provide direct data comparison to other state waste characterization studies.

5.2.1 PROPOSED TIMELINE

The proposed timeline will include a projected date for the draft report, at least 60 days prior to the end of the contract, that enables Agency staff sufficient time to review and make comments prior to the final report's submission. All elements of the final report will be due by 30 days prior to the end of the contract term.

5.2.2 HEALTH AND SAFETY PLAN

Vendor will provide a Health and Safety Plan that describes the Vendor's health and safety protocols for any on-site sorting events, and procedures for the separation and management of any hazardous waste or other waste requiring special handling that may be encountered by the sorting crew.

Selected vendors are not required but strongly encouraged to also submit web-based maps with data from any of the research areas A through D (as outlined in section 5.1 SPECIFICATIONS). For instance, a map demonstrating the flow of materials from collection points to a MRF (as outlined in research Area D of section 5.1 SPECIFICATIONS); or a regional heat map illustrating the volume of materials passing through MRFs (Research Area C of section 5.1 SPECIFICATIONS).

5.3 PROJECT ORGANIZATION

Vendor shall describe the organizational and operational structure it proposes to utilize for the work described in this RFP and identify the responsibilities to be assigned to each person Vendor proposes to staff the work.

5.4 TECHNICAL APPROACH

Vendor's proposal shall include, in narrative, outline, and/or graph form the Vendor's 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.

Vendor will provide a preliminary study design, including a description of the waste sort protocol to be used that ensures consistent, comparable, and representative waste characterization data for the entire study.

6.0 CONTRACT ADMINISTRATION

All Contract Administration requirements are conditioned on an award resulting from this solicitation. This information is provided for the Vendor's planning purposes.

6.1 CONTRACT MANAGER AND CUSTOMER SERVICE

The Vendor shall be required to designate and make available to the State a contract manager. The contract manager shall be the State's point of contact for Contract related issues and issues concerning performance, progress review, scheduling, and service.

Contract Manager Point of Contact	
Name:	
Office Phone #:	
Mobile Phone #:	
Email:	

The Vendor shall be required to designate and make available to the State for customer service. The customer service point of contact shall be the State's point of contact for customer service-related issues (define roles and responsibilities).

Customer Service Point of Contact	
Name:	
Office Phone #:	
Mobile Phone #:	
Email:	

6.2 POST AWARD PROJECT REVIEW MEETINGS

The Vendor, at the request of the State, shall be required to meet periodically **monthly** with the State for Project Review meetings. The purpose of these meetings will be to review project progress reports, discuss Vendor and State performance, address outstanding issues, review problem resolution, provide direction, evaluate continuous improvement and cost saving ideas, and discuss any other pertinent topics.

6.3 CONTINUOUS IMPROVEMENT

The State encourages the Vendor to identify opportunities to reduce the total cost the State. A continuous improvement effort consists of various ways to enhance business efficiencies as performance progresses.

6.4 PERIODIC STATUS REPORTS

All selected vendors will provide a draft and final report, which will include access to complete raw data, descriptions of the study methodology, written summaries addressing the findings of each research area, and recommendations for improving source reduction, diversion activities, and market development, where applicable. Draft reports will be submitted no later than 60 days before the final report submission deadline. In addition to the comprehensive final report, selected vendors will also provide a summary document of no more than two pages.

These reports shall be well organized and easy to read. The Vendor shall submit these reports electronically using the format required by the Purchasing Agency. The Vendor shall submit the reports in a timely manner and on a regular schedule as agreed by the parties.

Within [thirty (30)] business days of the award of the Contract the Vendor shall submit a final work plan and a sample report, both to the designated Contract Lead for approval.

6.5 ACCEPTANCE OF WORK

Performance of the work and/or delivery of Goods shall be conducted and completed at least in accordance with the Contract requirements and recognized and customarily accepted industry practices. Performance shall be considered complete when the Services or Goods are approved as acceptable by the Contract Administrator.

Acceptance of Vendor's work product shall be based on the following criteria:

The State shall have the obligation to notify Vendor, in writing ten (10) calendar days following completion of such work or delivery of a deliverable described in the Contract that it is not acceptable. The notice shall specify in reasonable detail the reason(s) it is unacceptable. Acceptance by the State shall not be unreasonably withheld; but may be conditioned or delayed as required for reasonable review, evaluation, installation, or testing, as applicable to the work or deliverable. Final acceptance is expressly conditioned upon completion of all applicable assessment procedures. Should the work or deliverables fail to meet any specifications, acceptance criteria or otherwise fail to conform to the Contract, the State may exercise any and all rights hereunder, including, for Goods deliverables, such rights provided by the Uniform Commercial Code, as adopted in North Carolina.

6.6 FAITHFUL PERFORMANCE

The parties agree that the Vendor shall be subject to the following faithful performance requirements: Reimburse actual invoices submitted with a minimum of 10% of DEQ's contract amount withheld until DEQ accepts final work.

6.7 TRANSITION ASSISTANCE

If a Contract results from this solicitation, and the Contract is not renewed at the end of the last active term, or is canceled prior to its expiration, for any reason, Vendor shall provide transition assistance to the State, at the option of the State, for up to 6 months to allow for the expired or canceled portion of the Services to continue without interruption or adverse effect, and to facilitate the orderly transfer of such Services to the State or its designees. If the State exercises this option, the Parties agree that such transition assistance shall be governed by the terms and conditions of the Contract (notwithstanding this expiration or cancellation), except for those Contract terms or conditions that do not reasonably apply to such transition assistance. The State shall agree to pay Vendor for any resources utilized in performing such transition assistance at the most current rates provided by the Contract for performance of the Services or other resources utilized.

6.8 DISPUTE RESOLUTION

During the performance of the Contract, the parties agree that it is in their mutual interest to resolve disputes informally. Any claims by the Vendor shall be submitted in writing to the State's Contract Manager for resolution. Any claims by the State shall be submitted in writing to the Vendor's Project Manager for resolution. The Parties shall agree to negotiate in good faith and use all reasonable efforts to resolve such dispute(s).

During the time the Parties are attempting to resolve any dispute, each shall proceed diligently to perform their respective duties and responsibilities under this Contract. The Parties will agree on a reasonable amount of time to resolve a dispute. If a dispute

cannot be resolved between the Parties within the agreed upon period, either Party may elect to exercise any other remedies available under the Contract, or at law. This provision, when agreed in the Contract, shall not constitute an agreement by either party to mediate or arbitrate any dispute.

6.9 CONTRACT CHANGES

Contract changes, if any, over the life of the Contract shall be implemented by contract amendments agreed to in writing by the State and Vendor. Amendments to the contract can only be through the contract administrator.

6.10 ATTACHMENTS

All attachments to this RFP are incorporated herein and shall be submitted by responding in the Sourcing Tool. These attachments can be found at the following Vendor Forms link for reference purposes only:

<https://ncadmin.nc.gov/documents/vendor-forms>

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****IMPORTANT NOTICE****

RETURN THE REQUIRED ATTACHMENTS WITH YOUR RESPONSE

Attachment A: Cost Proposal

Complete and return the pricing associated with each research area for this RFP, which can be found in the table below. Please provide additional cost breakdowns where appropriate.

Composition of Landfilled Waste Stream

CATEGORY	COST ESTIMATE
SUPPLIES	\$
LABOR	\$
SUB-TOTAL	\$

Material Market Assessment

CATEGORY	COST ESTIMATE
SUPPLIES	\$
LABOR	\$
SUB-TOTAL	\$

MRF Capacity and Infrastructure Improvements

CATEGORY	COST ESTIMATE
SUPPLIES	\$
LABOR	\$
SUB-TOTAL	\$

Recyclable Recovery Optimization

CATEGORY	COST ESTIMATE
SUPPLIES	\$
LABOR	\$
SUB-TOTAL	\$

Complete Proposal Bid (Total of All Applicable Research Areas)

TOTAL	\$
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