

Advertised: **OCTOBER 01, 2019****ADDENDUM #1: OCTOBER 14, 2019****ENVIRONMENTAL ANALYSIS UNIT****REQUEST for LETTERS of INTEREST (RFLOI)****2020 TRAFFIC NOISE AND AIR QUALITY ANALYSIS SERVICES
STATEWIDE -- LIMITED SERVICES CONTRACT (LSC)**TITLE: **2020 Traffic Noise and Air Quality Analysis Services Statewide**USING AGENCY: North Carolina Department of Transportation
Environmental Analysis UnitISSUE DATE: **OCTOBER 01, 2019**SUBMITTAL DEADLINE: **OCTOBER 24, 2019**ISSUING AGENCY: North Carolina Department of Transportation
Technical Services Division
Professional Services Management Unit**SYNOPSIS****SUBCONSULTANTS ARE NOT PERMITTED UNDER THIS CONTRACT.**

The primary and/or subconsultant firm(s) (*if Subconsultants are allowed under this RFLOI*) shall be pre-qualified to perform TWO (2) or MORE of the work codes listed below for the NCDOT Environmental Analysis Unit. Work Codes required are:

- 00005 - Project-Level Air Quality Analysis
- 00253 - Preliminary Traffic Noise Analysis (TNA) for NEPA Documents
- 00439 - Quantitative Mobile Source Air Toxics (MSAT) Analysis
- 00440 - Quantitative Particulate Matter (PM) Analysis
- 00441 - Design Noise Report

WORK CODES for each primary and/or subconsultant firm(s) (*if Subconsultants are allowed under this RFLOI*) SHALL be listed on the respective RS-2 FORMS (see section 'SUBMISSION ORGANIZATION AND INFORMATION REQUIREMENTS').

This RFLOI is to solicit responses (LETTERS of INTEREST, or LOIs) from qualified firms to provide professional consulting services to:

Assist the Environmental Analysis Unit - Traffic Noise and Air Quality Group staff in the planning process by providing traffic noise and air quality services for transportation projects statewide.

Submittals to this Request for Letters of Interest must include a list of the firm's most recent work in each of the above Work Codes for which the firm wishes to be considered, the client for whom the work was completed and a contact for each client if the client is any entity other than the North Carolina Department of Transportation. Recent work included for Work Codes 5, 253, and 441 should be within the last 5 years. Recent work included for Work Codes 439 and 440 can be older than 5 years. Firms do not have to demonstrate capabilities in all five above disciplines of traffic noise and project-level air quality analyses for selection consideration. However, firms will only be able to work in the areas for which they are selected – that is, those areas for which they were prequalified at the time of selection.

This will be an open-ended contract. The method of payment will be project specific on either a "cost plus overhead plus profit" or "lump sum" basis. The work will be performed on various projects throughout the State and will be identified on an as needed basis; the same degree of assistance will not be required on all projects. The duration of the contract will be for two (2) years, with one (1) 1-year extension possible.

Except as provided below any firm wishing to be considered must be properly registered with the Office of the Secretary of State and with the North Carolina Board of Examiners for Engineers and Surveyors. Any firm proposing to use corporate subsidiaries or subcontractors must include a statement that these companies are properly registered with the North Carolina Board of Examiners for Engineers and Surveyors and/or the NC Board for Licensing of Geologists. The Engineers performing the work and in responsible charge of the work must be registered Professional Engineers in the State of North Carolina and must have a good ethical and professional standing. It will be the responsibility of the selected private firm to verify the registration of any corporate subsidiary or subcontractor prior to submitting a Letter of Interest. Firms which are not providing engineering services need not be registered with the North Carolina Board of Examiners for Engineers and Surveyors. Some of the services being solicited may not require a license. It is the responsibility of each firm to adhere to all laws of the State of North Carolina.

The firm must have the financial ability to undertake the work and assume the liability. The selected firm(s) will be required to furnish proof of Professional Liability insurance coverage in the minimum amount of \$1,000,000.00. The firm(s) must have an adequate accounting system to identify costs chargeable to the project.

SCOPE OF WORK

The North Carolina Department of Transportation (NCDOT) is soliciting proposals for the services of a firm/team for the following contract scope of work:

PROPOSED CONTRACT SCOPE

AIR QUALITY ANALYSIS AND TRAFFIC NOISE ANALYSIS SERVICES STATEWIDE The Scope of Work consists of assisting the Environmental Analysis staff in the completion of Preliminary Traffic Noise Analyses, Design Noise Reports, Project-Level Air Quality Analyses, and both qualitative and quantitative Mobile Source Air Toxics and Particulate Matter Analyses, the review of the same when prepared by others, as well as other tasks and reviews related to traffic noise and project-level air quality as needed. All studies and reports will comply with applicable state and federal rules, regulations, policies and guidance as they pertain to traffic noise and project-level air quality investigations and reporting. Additional work may involve participation in both formal and informal public and private meetings, workshops and hearings.

All traffic noise modelers must provide evidence of having successfully completed formal Traffic Noise Model (TNM®) training. All reviewers of traffic noise models and reporting must provide evidence of having either 1) successfully completed formal Traffic Noise Model (TNM®) training or 2) successfully completed the National Highway Institute Highway Traffic Noise Course. Additionally, firms that respond to this Request for Letters of Interest in pursuit of work in Work Code 253 or 441 expressly acknowledge that their applicable staff has previously completed traffic noise analyses utilizing TNM2.5® software and that they maintain staff capable of performing and/or assisting noise barrier design and reporting utilizing MicroStation® and ArcGIS® software.

All air quality modelers and reviewers must provide evidence that they have either 1) successfully completed formal training for Motor Vehicle Emission Simulator (MOVES) software preferably MOVES 2010b or 2014, or 2) successfully completed project-level air quality analysis utilizing MOVES software. Additionally, firms that respond to this Request for Letters of Interest in pursuit of work in Work Code 440 expressly acknowledge that their applicable staff has previously completed project-level air quality analyses using CAL3QHC/ CAL3QHCR and/or AERMOD.

PROPOSED CONTRACT TIME: TWO 2 YEAR(S); and ONE (1) One-year EXTENSION possible.

PROPOSED CONTRACT PAYMENT TYPE: Project specific on either a LUMP SUM or COST PLUS OVERHEAD PLUS PROFIT basis.

SUBMITTAL REQUIREMENTS

All LOIs are limited to **FIFTEEN (15)** pages (RS-2 forms are not included in the page count) inclusive of the cover sheet, and shall be typed on 8-1/2" x 11" sheets, single-spaced, one-sided.

LOIs containing more than FIFTEEN (15) pages will not be considered.

WORK CODES for each primary and/or subconsultant firm(s) (if Subconsultants are allowed under this RFLO) SHALL be listed on the respective RS-2 FORMS (see section 'SUBMISSION ORGANIZATION AND INFORMATION REQUIREMENTS').

ONLY ELECTRONIC LOIs WILL BE ACCEPTED.

LOIs should be submitted in .pdf format using software such as Adobe, CutePDF PDF Writer, Docudesk deskPDF, etc.

One copy of the LOI should be sent as a .pdf file, **through NCDOT's FTS System**, to: psmu-411@ncdot.gov . **The FTS system will send you an electronic receipt when your LOI is uploaded to NCDOT's FTS system.** Paper copies are not required. The subject line should contain the Firm's Name, and "LOI for 2020 TRAFFIC NOISE AND AIR QUALITY ANALYSIS SERVICES STATEWIDE -- LIMITED SERVICES CONTRACT (LSC)".

If an interested firm does not have an FTS account they should send a request through regular e-mail to psmu-411@ncdot.gov . A response will be sent via the FTS system that will provide a login username, password, and login procedures.

LOIs SHALL be received electronically no later than 12:00 P.M., OCTOBER 24, 2019.

LOIs received after this deadline will not be considered.

Firms submitting LOIs are encouraged to carefully check them for conformance to the requirements stated above (and any other requirements in this Advertisement). If LOIs are submitted late, exceed the maximum number of pages, are sent by any means other than NCDOT's FTS system, or are sent to any address other than psmu-411@ncdot.gov they will be disqualified.

The Department reserves the right to reject all LOIs and not proceed with procurement.

The Department reserves the right to waive any technicality in LOIs, or notify the Firm(s) of such technicality and allow the Firm(s) up to two (2) business days to rectify the technicality.

SELECTION PROCESS

Following is a general description of the selection process:

- The NCDOT Selection Committee will review all qualifying LOI submittals.
- For Limited Services Contracts (On-Call type contracts), the NCDOT Selection Committee MAY, at the Department's discretion, choose any number of firms to provide the services being solicited.
- For Project-Specific Contracts (non On-Call type contracts), the Selection Committee MAY, at the Department's discretion, shortlist a minimum of three (3) firms to be

interviewed. IF APPLICABLE, dates of shortlisting and dates for interviews are shown in the section SUBMISSION SCHEDULE AND KEY DATES at the end of this RFLOI.

- In order to be considered for selection, consultants must submit a complete response to this RFLOI prior to the specified deadlines. Failure to submit all information in a timely manner will result in disqualification.

TITLE VI NONDISCRIMINATION NOTIFICATION

The *North Carolina Department of Transportation*, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all RESPONDENTS that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit LETTERS of INTEREST (LOIs) in response to this ADVERTISEMENT and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

SMALL PROFESSIONAL SERVICE FIRM (SPSF) PARTICIPATION

The Department encourages the use of Small Professional Services Firms (SPSF). Small businesses determined to be eligible for participation in the SPSF program are those meeting size standards defined by Small Business Administration (SBA) regulations, 13 CFR Part 121 in Sector 54 under the North American Industrial Classification System (NAICS). The SPSF program is a race, ethnicity, and gender neutral program designed to increase the availability of contracting opportunities for small businesses on federal, state or locally funded contracts. SPSF participation is not contingent upon the funding source.

The Firm, at the time the Letter of Interest is submitted, shall submit a listing of all known SPSF firms that will participate in the performance of the identified work. The participation shall be submitted on the Department's Subconsultant Form RS-2. RS-2 forms may be accessed on the Department's website at [NCDOT Connect Guidelines & Forms](#).

The SPSF must be qualified with the Department to perform the work for which they are listed.

Real-time information about firms doing business with the Department and firms that are SPSF certified through the Contractual Services Unit is available in the Directory of Transportation Firms. The Directory can be accessed on the Department's website at [Directory of Firms](#) -- Complete listing of certified and prequalified firms.

The listing of an individual firm in the Department's directory shall not be construed as an endorsement of the firm.

PREQUALIFICATION

The Department maintains on file the qualifications and key personnel for each approved discipline, as well as any required samples of work. Each year on the anniversary date of the company, the firm shall renew their prequalified disciplines. If your firm has not renewed its

application as required by your anniversary date or if your firm is not currently prequalified, please submit an application to the Department **prior to submittal of your LOI**. An application may be accessed on the Department's website at [Prequalifying Private Consulting Firms](#) -- Learn how to become Prequalified as a Private Consulting Firm with NCDOT. Having this data on file with the Department eliminates the need to resubmit this data with each letter of interest.

Even though specific DBE/MBE/WBE goals are not required for this project, the Department of Transportation is committed to providing opportunity for small and disadvantaged businesses to perform on its contracts through established Department goals. The Firm, subconsultant and subfirm shall not discriminate on the basis of race, religion, color, national origin, age, disability or sex in the performance of this contract.

SELECTION CRITERIA

All prequalified firms who submit responsive letters of interest will be considered.

In selecting a firm/team, the selection committee will take into consideration qualification information including such factors as:

1. **50%** = The relative experience and past performance on any previous contracts with the North Carolina Department of Transportation and/or other state Departments of Transportation.
2. **50%** = The firm's knowledge, experience and staff to perform the type of work required.
3. **N/A%** = N/A.
4. **N/A%** = N/A.
5. **N/A%** = N/A.

After reviewing qualifications, if firms are equal on the evaluation review, then those qualified firms with proposed SPSF participation will be given priority consideration.

SUBMISSION ORGANIZATION AND INFORMATION REQUIREMENTS

The LOI should be addressed to **Mr. Robert J. Stroup, PE -- State Professional Services Engineer** and must include the name, address, telephone number, and e-mail address of the prime consultant's contact person for this RFLOI.

The LOI must also include the information outlined below:

Chapter 1 - Introduction

The Introduction should demonstrate the consultant's overall qualifications to fulfill the requirements of the scope of work and should contain the following elements of information:

- Expression of firm's interest in the work;
- Statement of whether firm is on register;
- Date of most recent private engineering firm qualification;
- Statement regarding firm's(') possible conflict of interest for the work; and
- Summation of information contained in the letter of interest.

Chapter 2 - Team Qualifications

This chapter should elaborate on the general information presented in the introduction, to establish the credentials and experience of the consultant to undertake this type of effort. The following must be included:

1. Identify recent, similar projects the firm, acting as the prime contractor, has conducted which demonstrates its ability to conduct and manage the project. Provide a synopsis of each project and include the date completed, and contact person.
2. If subconsultants are involved, provide corresponding information describing their qualifications as requested in bullet number 1 above.

Chapter 3 - Team Experience

This chapter must provide the names, classifications, and location of the firm's North Carolina employees and resources to be assigned to the advertised work; and the professional credentials and experience of the persons assigned to the project, along with any unique qualifications of key personnel. Although standard personnel resumes may be included, identify pertinent team experience to be applied to this project. Specifically, the Department is interested in the experience, expertise, and total quality of the consultant's proposed team. If principals of the firm will not be actively involved in the study/contract/project, do not list them. The submittal shall clearly indicate the Consultant's Project Manager, other key Team Members and his/her qualifications for the proposed work. Also, include the team's organization chart for the Project / Plan. A Capacity Chart / Graph (available work force) should also be included. Any other pertinent information should also be listed in this section.

Note: If a project team or subconsultant encounters personnel changes, or any other changes of significance dealing with the company, NCDOT should be notified immediately.

Chapter 4 - Technical Approach

The consultant shall provide information on its understanding of, and approach to accomplish, this project, including their envisioned scope for the work and any innovative ideas/approaches, and a schedule to achieve the dates outlined in this RFLOI (if any project-specific dates are outlined below).

APPENDICES-

CONSULTANT CERTIFICATION Form RS-2

Completed Form RS-2 forms SHALL be submitted with the firm's letter of interest. This section is limited to the number of pages required to provide the requested information.

Submit Form RS-2 forms for the following:

- **Prime Consultant firm**
 - Prime Consultant Form RS-2 Rev 1/14/08; and
- **ANY/ALL Subconsultant firms** (*If Subconsultants are allowed under this RFLOI*) to be, or anticipated to be, utilized by your firm.
 - Subconsultant Form RS-2 Rev 1/15/08.
 - In the event the firm has no subconsultant, it is required that this be indicated on the Subconsultant Form RS-2 by entering the word "None" or the number "ZERO" and signing the form.

Complete and sign each Form RS-2 (instructions are listed on the form).

The required forms are available on the Department's website at:

<https://connect.ncdot.gov/business/consultants/Pages/Guidelines-Forms.aspx>

[Prime Consultant Form RS-2](#)

[Subconsultant Form RS-2](#)

All submissions, correspondence, and questions concerning this RFLOI should be directed to **Ms. Joan Lamb, PLS, PPS** at jmlamb@ncdot.gov. However, the LOI itself must be submitted to 'psmu-411@ncdot.gov' via NCDOT's FTS System.

NOTE: To adhere to the Timeframe, a Notice to Proceed is expected to be issued shortly after (a) firm(s)/team(s) is/are selected. All firm(s)/team(s) submitting a LETTER OF INTEREST should make sure that their rates and overheads are current and have been audited by NCDOT.

SUBMISSION SCHEDULE AND KEY DATES

RFLOI Release – **OCTOBER 01, 2019**

Deadline for Questions -

Issue Final Addendum -

Deadline for LOI Submission – **12:00 PM (NOON) EASTERN, OCTOBER 24, 2019.**

Shortlist Announced * -

Interviews - the week of

Firm Selection and Notification ** - **TBD.**

Anticipated Notice to Proceed – **TBD.**

* Notification will **ONLY** be sent to shortlisted firms.

** Notification will **ONLY** be sent to selected firms.