DURHAM TECHNICAL COMMUNITY COLLEGE
SURVEY & SUE, GEOTECHNICAL & INSPECTIONS ENGINEERNING SERVICES:
REQUEST FOR QUALIFICATIONS (RFQ) - ADVERTISEMENT FOR OWNER
RFQ: 94-23-1007

Department/Agency	Durham Technical Community College (DTCC)
Project Title	Health Science Bldg. and Life Sciences Bldg.
Design Services	Survey & SUE, Geotechnical, Environmental, Inspection & Material Testing Engineering
Scope of Work	DTCC initiated design services for construction of a three-story, 80,000-square-foot Health Sciences Building and a one-story, 35,200-square-foot Life Sciences Training facility, located on E. Lawson Street at Durham Tech's main campus. The institution is seeking engineering services to support and inform the design and construction of these projects, which will follow the State Construction Office (SCO) planning requirements and processes. For project context, see links below to the current masterplan for the Durham Campus and the Project area: Durham Campus Masterplan Durham Campus Project Area The scope of services includes: 1. **Survey and SUE** (Subsurface Utility Engineering) of project area. Topographic survey of existing conditions in the project area, including utilities on and above ground, in addition to gravity networks. Include utility tie-in design information. SUE QL-A in accordance with CI/ASCE Standard 38-02, including test holes to establish exact location and elevation of critical utilities that may conflict with future construction. Data collected from the Test Holes are to be recorded, sealed, and dated with locations shown on the drawing. The site is to be restored upon completion of the test holes. Utility records research is to be completed to assist in identifying utility owners that may be affected by the project. 2. **Utility Coordination** services for the project sites: Identify potential utility conflicts along E. Lawson Street and within project areas. Contact utility owners identified within the project area; provide them with preliminary designs to determine actual project utility conflicts. Coordinate utility owner comments and recommendations with design team. Compile utility relocations plans for each company into a "Utilities by Others" plan sheet for inclusion in the construction drawings. Coordinate and process any utility relocation agreements necessary due the proposed roadway improvements. 3. **Geotechnical investigation** and recommendations to support design & construction of the E Lawson St improvements, the Life Sciences building and the Health Sciences building and its associated pedestrian bridge. Provide written subsurface report that includes: • Project area map identifying site boundaries and boring locations. • Boring logs with appropriate dates, elevations, northing and easting, drilling equipment used, soil strata depths and descriptions, depth to groundwater, and Standard Penetration Test N-values as a function of depth. • Results of laboratory testing. • Discussion of general site and subsurface conditions encountered during field exploration, including groundwater depth. • Discussion of regional and local geology, depth and location of any rock or unsuitable materials encountered in borings.

- Construction and earthwork recommendations, including subgrade preparation, grading and compaction requirements, effect of weather or equipment on soil during construction, groundwater control, analysis of expansive clays, or other deleterious conditions, etc., and recommendations on repair measures.
- Recommendations for excavation of on-site materials.
- Suitability of on-site soils for reuse as structural fill.
- Foundation design recommendations for the previously listed structures; shallow, mat and/or deep foundations recommendations based on subgrade conditions and estimated total and differential foundation settlement.
- Slab-on-grade recommendations, including soil subgrade modulus (k).
- Seismic site classification in general accordance with the North Carolina State Building Code.

4. **Inspection and material testing and third-party inspection services** during the construction phase, including special inspections (SI) and construction materials testing (CMT).
   This shall include but not be limited to monitoring, testing, evaluating test results, and inspection services for site work and building construction, such as Earthwork/Soils, Aggregates, Paving, Concrete, Masonry, Structural Steel, waterproofing of foundation, Cold Formed Metal Framing, Laboratory testing and other work as may be identified and applied to the scope of work.

5. **Environmental Services** for Brownfield Geotechnical work.
   Durham Campus Brownfield - EMP
- Decontamination of drilling equipment (includes steam cleaning/pressure washing labor and equipment)
- 55-gallon drums (for excess soil cuttings that cannot be placed back in the borings and likely contaminated soil based on field screening)
- Bentonite hole plug (for backfilling/capping borings)
- Standby time for the geotechnical/drilling contractor for environmental-related delays/issues

In addition, provide documentation and records management as required to ensure compliance with project geotechnical reports, drawings, specifications, codes, and regulations. Roadway and pedestrian bridge investigation and reporting must be performed in accordance with NCDOT Geotechnical Engineering Unit specifications.

All work must be coordinated with representatives of DTCC, its design team, and its Construction Manager at Risk (CMAR) team.

It is anticipated that all services will be on a periodic on-call basis, although there may be periods of time during the construction that continuous inspection may be required to meet schedule and in accordance with the technical requirements pertaining to these facilities.

PROJECT ADDRESS:
Durham Campus
1648 E Lawson St.
Durham NC, 27703

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Contacts	Shaquana Lindsey, Director Purchasing	Scott McEntee, Program Manager
Telephone	919-536-7201 x1004	919-600-9826
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Total Project Budget	Health Sciences - $77,500,000 Life Sciences - $38,200,000	
Source of Funds	County Bonds; State Funds	
Approved OC-25 #	Health Sciences Building and Bridge – NCCCS Project No. 2732 Life Science Building – NCCCS Project No. 2731	
Publish Date	THURSDAY, OCTOBER 5TH, 2023	
Opening Date	FRIDAY, OCTOBER 27TH, 2023 @ 3pm	
Submittal Requirements	Submissions should include the following sections sequentially: 1. Cover letter: summarizing your firm's unique qualifications for these projects. 2. Corporate background and experience, including a min. of five comparable contracts performed in the past five years, accompanied by owner references. 3. Project understanding, approach, and schedule: how firm will accomplish scope of work/deliverables outlined. 4. Proposed team's experience and certifications/qualifications 5. Identify any project where legal and/or technical problems were encountered and the final resolution (in the past 5 years). 6. Include acknowledged copy of any addenda issued. Submissions should be sent through electronic submission as per the following instructions: Proposals must be submitted in PDF format. **Files must be less than 20 MB.** Create an Account (These steps must be completed prior to submitting proposal.) 1. Navigate to Durham Tech's document submission site (Durham Tech Documents; https://docs.durhamtech.edu/). 2. Click Create new account. 3. In the Name field, enter your company's name. 4. Enter a username of your choosing in the Username field. 5. Enter the proposal contact e-mail address in the e-mail address field. 6. Click the Create new account button. Submit Proposal 1. To submit your proposal: a. Navigate to the Finance and Administrative Services section of the Durham Tech Documents Home page. b. Click Submit documents. c. In the Name field, enter your company's name. d. In the E-mail address field, enter the e-mail address you used to create your account. e. In the Document Type dropdown menu, select General Document. f. Under Add a new file, click the Choose File button to select your proposal file from your computer or cloud-based storage. Click the Upload button. g. If you would like to provide additional information about your submission, please use the Comments field.	

	h. Click the Submit button to complete your proposal submission. You will receive a confirmation e-mail from forms@durhamtech.edu.
Proposed Timeline	Advertise RFQ – 2023/10/05 Questions due – NLT 2023/10/11 @ 5pm Question Responses – 2023/10/18 Qualifications Submission – due NLT 2023/10/27 @ 12pm NOON Evaluation Meeting – 2023/11/13 Selection Announcement – 2023/11/14
NC Licensing Statement	To offer engineering services in response to this solicitation, the vendor must be properly licensed to practice Engineering in the State of North Carolina. More information on the North Carolina state boards may be found at the following website: **NC Board of Examiners for Engineers & Surveyors:** (http://www.ncbels.org)

STATE BUILDING COMMISSION - SELECTING CRITERIA

In selecting geotechnical, SUE and Special Inspection services, the selection committee will take into consideration qualification information including such factors as:

1. **Specialized or appropriate expertise in the type of project.**
2. **Past performance on similar projects.**
3. **Adequate staff and proposed design or consultant team for the project.**
4. **Current workload and State projects awarded.**
5. **Proposed design approach for the project including design team and consultants.**
6. **Recent experience with project costs and schedules.**
7. **Construction administration capabilities.**
8. **Proximity to and familiarity with the area where the project is located.**
9. **Record of successfully completed projects without major legal or technical problems.**
10. **Other factors that may be appropriate for the project. ***