



**ALBUQUERQUE
PUBLIC SCHOOLS**

Accelerate Progress for Students

PROCUREMENT DEPARTMENT
Charlotte Gensler
EXECUTIVE DIRECTOR OF PROCUREMENT

Scott Elder
SUPERINTENDENT

March 18, 2024

**RFP 24-047 RRR
TITLE: Material & Geotechnical Testing
ADDENDUM #2**

ITEM: 1: SCOPE OF WORK: REMOVE PARAGRAPH 1 PAGE 14: REPLACE WITH THE FOLLOWING

Albuquerque Public Schools (APS) is requesting proposals for as-need Geotechnical Engineering & Materials Testing Services. The Contractor's principal project manager or engineer shall be a registered Geotechnical Engineer or a registered Civil Engineer with experience that is applicable to the type of work and services to be provided:

1. **Geotechnical Services: Provide a full range of geotechnical, soils investigation, environmental, testing and analysis services in support of new construction developments or retrofit/repair of existing facilities or structures. Conduct site & subsurface geotechnical investigations, site characterization, and geotechnical foundation design recommendations. Soils investigation may include, but not limited to, a mix of the following geotechnical engineering services:**
 - Site explorations including drilling borings and cone penetrometer tests (CPTs)
 - Foundation alternatives analyses
 - Embankment and excavation slope stability evaluations
 - Slope repair recommendations
 - Excavation, shoring, and dewatering recommendations
 - Soil improvement/remediation recommendations
 - Settlement analysis and monitoring
 - Seismic fault investigations
 - Anchor load tests
 - Evaluation of soil bearing capacity
 - Pile drivability and capacity analyses
 - Site grading specifications



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- Probabilistic and deterministic seismic hazard evaluations
- Liquefaction potential studies
- Selection of seismic design parameters
- Stability analyses of slopes, channels and excavations
- Pile lateral and axial capacity curves
- Cantilevered, anchored, and braced sheet pile analyses
- Retaining and flood walls analyses
- Seepage analyses
- Dewatering design

2. **Materials Testing**: Provide a full range of **Construction Materials Testing and Inspection Services** including testing of soils and other building materials during construction of a wide variety projects.

Inspection and Materials Testing Services may include, but not limited to:

Inspection Services/Special Inspections

- Concrete: Batch Plant, Pre-stress/Post-Tension, Concrete Strength Testing
- Structural Steel: Bolting, Erection, Welding, Welding Qualifications
- Masonry and Roofing
- Field and Plant Asphalt Concrete

Materials Testing

- Aggregate, Concrete & Masonry: Beams, Blocks, Cubes, Cylinders, Grout/Mortar, Prisms, Shotcrete/Gunite
- Reinforcing and Structural Steel: Bend & Tensile
- Non-Destructive Testing (NDT): Dye Penetrant, Magnetic Particle, Ultrasonic Radiographic, in-Place Concrete Soundness, and Rebar detection in Concrete



3. **Test Reports:** For all services/each test performed, the Contractor shall prepare and provide Reports that addresses all of the items set forth below, as well as any other relevant information. The Preliminary Test Report shall be sent to the Owners' Representatives by email within ten (10) days, and the Final Test/Services Report delivered within fifteen (15) days after completion of the service/test.
 - Test type, identity of material subject to test, name of person operating test equipment, description of test equipment, including manufacturer, model & serial number.
 - Copy of the test data, along with the interpretation of the data.
 - Brief statement describing the means and methods of the performance of the test.
 - Procedures for the frequency of calibration of the equipment used in the test.
 - Photographic documentation substantiating the inspector's interpretations of the test results (where appropriate).
 - Signature sheet certifying test results signed by the operator of the test equipment, and the Registered Professional Engineer licensed in the State of New Mexico.

4. Contractor may be required to advise in all aspects of the design and construction of projects. The scope of work may include any or all of the following:
 - Site visits to any and all areas of design and construction phases;
 - Defining scope of work in concert with Design Professional;
 - Providing detailed analysis and testing;
 - Recommending solutions;
 - Evaluating construction details;
 - Attending meetings, participating in design and construction document review process;
 - Forensic Analysis /Investigation, Post Construction testing & evaluation;
 - Attending pre-bid/site meetings, participate in Design Professional's submittal reviews, conducting or attending pre-construction meetings and 11-month warranty inspection.

5. Phase I Environmental reports in accordance with American Society for Testing and Material (ASTM) E1527-13 and Phase II Environmental tests/reports when warranted.

6. The Contractor may also be required to provide technical consulting services on an as needed basis the development and/or review of design and construction standards and specifications. APS has a continuing interest in increasing the energy efficiency and decreasing the negative environmental impact of new school buildings. To that end, the successful firm must be prepared to address these issues as they relate to the USGBC **LEED V4** Rating System. These include preparation of environmental site assessments and sound testing. APS will pursue a minimum of **LEED** Silver certification for any new stand-alone building. Pursuing LEED certification will be considered on all other projects (remodels/additions/renovations/etc.) Additionally, APS maintains its own electrical, mechanical, as well as other, standards which must be followed and are not at the discretion of the engineering firm. Copies of the current standards are available on the Facilities, Design & Construction (FD&C) website: <http://apsfacilities.org>. Other services related to protecting the environment and compliance with NPDES may also be requested

ITEM 2: TITLED: LEED/ ENERGY EFFICIENCY: PAGE 15: REMOVE ENTIRE PARAGRAPH. LEED INFORMATION IS COVERED IN SCOPE OF WORK SECTION; PAGE 14:

ITEM 3: TITLED: PROJECT MANAGEMENT SOFTWARE: REPLACE PARAGRAPH ONE (1), WITH THE FOLLOWING: Beginning in fiscal year 2024 (July1, 2023-June 30, 2024), APS will provide one license to the successful Offer/s, for APS Project Management Software, as needed. The APS Project Management Software is E-Builder. More information can be found at www.e-builder.net. Additional licenses may be obtained at Offeror's expense. E-Builder software pricing is subject to change without notice. APS does not have control over the cost of E-Builder pricing.

ITEM: 4: QUESTION: The section “Specialized Design & Technical Competence of the Business” requests to provide information of previous projects and their relevance to the anticipated scopes of work. The section “Past Record of Performance on Contracts” also requests to provide information of documentation and project examples. Can the same project examples be used in both sections, or do you want specific project experience to primarily be in the “Past Record of Performance on Contracts” section?

RESPONSE: Specialize Design & Technical Competence of the Business: This section identifies the firms area of expertise as it relates to Item 1 listed above. This is more of an introduction of the firm, which will be supported by the requested information in the other evaluation sections.



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Past Record of Performance on Contracts: This section is looking for the actual examples of past performance as stated of page 18 of the RFP.

ITEM: 5: QUESTION: Regarding the section “**Amount of work that will be produced by a New Mexico business within the state**” section: Do you want the volume of work listed that is currently under contract with our clients? Do you want these projects to be listed individually and their prices of each contract to be listed (for the projects that do not have NDA’s for)?

RESPONSE: This area only requires that you identify the use of services and companies performed outside of New Mexico. If all work is being performed in New Mexico that is all that you need to state.

ITEM: 6: QUESTION: Are Environmental Services included in this RFP.

RESPONSE: The updated scope of work listed in ITEM 1 above identifies Environmental Services.

ITEM: 7: QUESTION: We do not see any GEO personnel field or office labor rates. Does APS need these rates listed in the Proposal?

RESPONSE: Additional suggested fees and services in that tie into the scope of work for this RFP can be listed separately for review and consideration.

ACKNOWLEDGE ADDENDUM WITH RFP SUBMITTAL:

Addendums not signed and returned may cause RFP to be non-responsive and may be rejected.

COMPANY/FIRM NAME

SIGNATURE

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