



Construction Material Testing Request for Qualifications

Issued April 25, 2022

The Alabama Department of Corrections (ADOC) and their Program Management Team request Statements of Qualifications (SOQ) from qualified Construction Material Testing (CMT) Consultants to provide Required Testing for the upcoming projects located in Elmore County and Escambia County.

Project Owner:

Alabama Department of Corrections
Office of the Commissioner
301 South Ripley Street
Montgomery, AL 36104

PROJECTS:

Specialized Men's Prison Facility
Elmore County, AL &
Escambia Men's Prison Facility
Escambia County, AL

PMT CONTACT PERSON :

HPM : Ivy Mitchell - imitchell@hpmleadership.com

DUE DATE AND TIME

May 18, 2022
2:00 PM CST

All SOQs must be submitted pursuant to the instructions below. It is the Offeror's sole responsibility to ensure that the SOQ is delivered in the manner required by this RFQ by the Due Date and Time. Owner has the right to reject any SOQs not properly delivered. The Owner reserves the right to modify the qualification requirements to meet the best interests of the State of Alabama.

GENERAL INFORMATION

Hoar Program Management (HPM) in association with CGL (the *Program Management Team* or “PMT”) on behalf of the Alabama Department of Corrections is seeking responses to this formal Request for Qualifications (“RFQ”), from Construction Material Testing (CMT) Consultants for the Specialized Men’s Prison Facility in Elmore County, AL and the Escambia Men’s Prison Facility in Escambia County, AL.

The following scope of work is intended to provide a summary of the Elmore County Prison to be constructed for the Alabama Department of Corrections. The Elmore County Prison will include approximately 4000 beds with the entire facility being an approximate 788,000 net square feet of space. The Elmore County Prison will include the following types of inmate classification housing: reception, restricted, medium, minimum, and medical housing. In addition, the facility will include all support spaces to properly operate a prison including but not limited to: outside/inside administration, medical/dental services, food/laundry services, kennel, and staff/public parking.

The Escambia County Prison will also be constructed for the Alabama Department of Corrections. The Escambia County Prison will include approximately 4000 beds with the entire facility being an approximate 677,000 net square feet of space. The Escambia County Prison will include the following types of inmate classification housing: restricted, close, medium, and minimum. In addition, the facility will include all support spaces to operate a prison including but not limited to: outside/inside administration, food/laundry services, warehouse, kennel, and staff/public parking.

EXPECTED SCOPE OF WORK

It is expected that the CMT will be required to provide and/or install the following:

1. Scope of Consultants Services

The work associated with the construction Material Testing (CMT) Consultant will in general entail all the CMT services as described but not limited to Attachment A. The CMT Consultant shall:

1. Participate in Design Review/Constructability Review/Value Engineering Workshops for each Consultant design package.
2. Participate in weekly Design-Build Construction Meetings.
3. This contract shall be for the full term of the program.

Any consultant submitting SOQs on multiple packages shall propose separate personnel for each consulting package (i.e., no duplication of personnel between packages).

The CMT Consultant will be expected to work closely as a team member with the Owner, Program Management Team, and Design-Build Team and bring a high degree of cohesion, cooperation, collaboration, coordination, and teamwork to the project. The selected Consultant must deliver the project on time and on budget and provide cost-effective capital solutions, innovation, and resource stewardship, while executing the program.

2. Codes, Standards, Regulation and Permit

The Consultant shall comply with the current adopted edition of the State Building Code.

3. Project Schedule

A project schedule established for implementation of the project and developed by the Program Management Team is based on an efficient design and construction program intended to

maximize the benefits of sequential design and construction activities. The schedule is included in section labeled "Project Schedule" in this RFQ. CMT Consultant shall provide input needed for development of final design by the successful Design-Builder.

4. Submittal

Each submission will be evaluated solely on the contents of the material as presented in the submission documents. Supplementary material in the form of company brochures, etc., if submitted, will not be forwarded to evaluators.

QUALIFICATION SUBMITTAL

Responding parties are expected to demonstrate their experience and / or qualifications in the following areas:

Section 1: Corporate Information

Contact Details
Company Name
Company Website
Contact Name (Last Name, First Name)
Contact Position / Title
Contact Office Phone
Contact Mobile Phone
Contact Email
General Information
Year Founded
Location of Headquarters
Additional offices in the following cities
Location of office(s) that will be engaged in the Project
Financial & Legal Information
Annual revenue of past three years in USD
Combined Annual Revenues for 2019
Combined Annual Revenues for 2020
Combined Annual Revenues for 2021
Combined Forecast 2022
Lawsuits of past 5 years your company was involved in (other party's company name, dispute value/conflict matter)
Arbitration/Mediation settlements with Owners in past 5 years your company was involved in (other party's company name, dispute value/conflict matter)
Safety
Any job-related fatalities within the last five (5) years?
Has your company had any OSHA or EPA citations during the past five (5) years?
What is your Experience Modification Rate (EMR) for the last (3) years: <i>Contact your workers compensation insurance carrier for your EMR numbers and have them furnish a letter for verifying your rates.</i>
Does your program include safety orientation for new hires?

Section 2: Relevant Corporate Experience

- 2.1 Resumés of proposed personnel in firm's organization that have at least five years' CMT experience in projects comparable in quality and type to this project that have been executed by the proposed project personnel. Resume' shall address this for each person.
- 2.2 A list of ten (10) projects that have been completed and operational for a minimum of five (5) years where CMT was required. Provide the following information for each facility:
 - a. Name and location of the facility.
 - b. Value of the contract and scope of work performed.
 - c. Date of occupancy by the Owner.
 - d. Names and phone numbers of the representatives to contact for the Owner, the Construction Manager or General Contractor, and the Architect.
- 2.3 Design Engineering Capability: CMT is expected to have current design engineering capability to provide required CMT testing and analysis.
 - a. Submit a list of design engineering staff giving name, discipline, degree, and registrations or licenses, number of years modular cell experience, years with the company, and title or position.
 - b. Submit a list of technical support personnel that would be used to execute the scope of work.

Responding parties are expected to have familiarity with correctional institution construction as it relates to secure, correctional environments and experience with full project management from project inception through completion of construction. Applicants shall hold all applicable licenses required in the State of Alabama.

Qualified suppliers will be selected based on the experience and competence of the firm as documented through information provided in response to this RFQ.

Minimum Code of Alabama Requirements (current Code of Alabama available at <http://alisondb.legislature.state.al.us/alison/codeofalabama/1975/coatoc.htm>):

§41-16-82 of the Code of Alabama requires a disclosure statement to be completed and filed with all proposals, bids, contracts, or grant proposals submitted to the State of Alabama in excess of \$5,000. The form is available online at <https://www.alabamaag.gov/forms> .

§31-13-1, et seq. of the Code of Alabama (Alabama Immigration Law) imposes conditions on the award of state contracts. Firms must agree to fully comply with the Immigration Reform and Control Act of 1986, as amended by the Immigration Act of 1990, and the Beason-Hammon Alabama Taxpayer and Citizen Protection Act.

Architects and engineers should review and adhere to these guidelines as appropriate to their project type.

§41-16-5 of the Code of Alabama imposes conditions on the award of state contracts. Firms must certify that they are not currently engaged in, and will not engage in, the boycott of a person or an entity based in or doing business with a jurisdiction with which this state can enjoy open trade.

Pursuant to Alabama Code Section 14-11-31 as well as 28 C.F.R. Part 115, the Prison Rape Elimination Act ("PREA"), any type of sexual contact with or sexual harassment of an inmate in the custody of the ADOC by one who is responsible for the care, control, or supervision of inmates – with or without the consent of the inmate – is illegal. Under Alabama law, it constitutes a felony – custodial sexual misconduct. See also, ADOC Administrative Regulation 454, Inmate Sexual Assault and Harassment Awareness (Prison Rape Elimination Act (PREA)). The ADOC has a Zero Tolerance

Policy toward all forms of custodial sexual misconduct, sexual abuse, and sexual harassment. Any type of conduct – including suspected conduct – that falls within the context of custodial sexual misconduct/sexual abuse, as defined by either the State or Federal laws referenced above, shall be reported immediately to the Warden of the facility to which he or she is assigned, or the Warden’s designee.

In ACT 2021-546, the Alabama Legislature adopted the following language which requires certain things of the authority: ‘It is the intent of the Legislature that the authority encourage participation by minority businesses in the construction of prison facilities as provided by the ACT adding this amendatory language. Accordingly, the authority shall adopt a plan that achieves to the greatest extent possible a level of participation by minority businesses, with a focus on ethnic minority businesses, including prevailing ethnic minority businesses. The authority shall administer training programs and other educational activities to enable eligible minority businesses to compete for participation on an equal basis, and shall focus on developing ethnic minority businesses, including prevailing ethnic minority businesses. The authority shall monitor the results of minority business participation and shall report at least on a quarterly basis the results of minority business participation, with specificity, to the Governor, the President Pro Tempore of the 19 Senate, the Speaker of the House of Representatives, the 20 Senate Minority Leader, and the House Minority Leader.’

Response: Interested suppliers shall submit a letter of interest and responses to information requested in the sections above.

SOQ’s must be received no later than 2:00 p.m. (Central Time) on Wednesday May 18, 2022.

Submit one (1) electronic copy (PDF on disc or USB Drive) and five (5) hard copies of all required qualification information to:

Ivy Mitchell, Manager of Program Services
Hoar Program Management
2 Metroplex Drive
Suite 300
Birmingham, Alabama 35209

For questions and additional information, contact Ivy Mitchell by email at imitchell@hpmleadership.com.

Project Schedule

The expected milestone schedule is as follows:

Activity	Intended Start	Intended End
Issue RFQ for CMT	April 25, 2022	April 25, 2022
RFQ Responses Due	April 25, 2022	May 18, 2022
Approved Provider List Issued		May 23, 2022

Appendices

- 1 Resumés
- 2 Certificates of Insurance

Attachment A

CMT Scope of work

GENERAL PROVISIONS

1. The OWNER seeks services of a CMT Consultant who agrees to proceed, upon written notice by the PROGRAM MANAGER, with all services necessary to the performance in proper sequence in the time specified of the items of work for Materials Testing including but not limited to Soils and/or Aggregates, Compaction of Soils and Aggregates, Concrete Mix Designs, Asphalt Paving, Paving Aggregate, Pile Load Testing/Monitoring, Production Pile Monitoring, Displacement Piles, Masonry, Cold Formed Metal Framing, Primary and Secondary Structural Steel Framing, Building Envelope, Traffic Coatings, Firestopping, Fire-Resistive Joint Systems, Sectional Doors, Large Vertical Lift Doors, Aluminum Framed Entrances and Storefronts, Glazed Aluminum Walls, Metal Building Systems and any other related Special Testing requirements of the Bridging and/or Contract Drawings and Specifications. The CMT Consultant is also responsible for reviewing all related product data, plant test reports, and other information for making recommendation of materials and design criteria to the Program Manager. The CMT Consultant agrees that it's representatives will attend conferences with the PROGRAM MANAGER as required to complete the work and that representatives will attend conferences during preliminary design and pre-bid periods with the OWNER, PROGRAM MANAGER, and DESIGN-BUILDER.
2. The CMT Consultant agrees to furnish labor, materials, equipment, transportation and all incidentals necessary to perform the tests and evaluation of construction materials as required during the design and construction of this PROJECT. The work will be performed in general accordance with the methods and procedures that have been set forth by the applicable federal, state, and local laws and regulations as requested. The consultant's work will generally entail all Construction Materials Testing and Special Inspection requirements in compliance with Chapter 17 of the International Building Code, and as required by all applicable or governing local, state and federal codes; Bridging Documents, Design-Builder's Contract Drawings and Technical Specifications; and permits (State & Local) issued to the Design-Build team.
3. The CMT Consultant shall perform tests and evaluations as required by the PROGRAM MANAGER and shall have one person in charge who will be responsible to the PROGRAM MANAGER for assuring that the proper coordination is maintained. The CMT consultant shall bear responsibility for completeness and accuracy of all material testing.
4. The CMT consultant agrees to maintain an office and laboratory in the metropolitan areas that is accessible to the PROGRAM MANAGER during the life of the PROJECT. The office shall contain a telephone and shall

besuitably staffed with personnel competent to receive instructions and to report results of tests. The staff shall be available so that they may be reached by telephone continuously from 7 A.M. to 5 P.M., Monday through Friday, except for legal holidays. It is also agreed that the PROGRAM MANAGER shall be kept advised of the name and telephone number of the person to be contacted on an emergency basis at any time.

5. All personnel assigned by the CMT consultant to this PROJECT shall be qualified by education certifications and experience to perform the work assigned, and all personnel shall have resumés submitted to the PROGRAM MANAGER for subsequent approval. Should the PROGRAM MANAGER decide that any person is not qualified, the CMT consultant shall replace same with acceptable personnel. Such right of review by the PROGRAM MANAGER shall not have the effect of giving the PROGRAM MANAGER control or right of control over the employees or operations of the CMT consultant.

Site & Infrastructure Work

SCOPE OF SERVICES

Complete Construction Materials Testing/Inspection during the construction of the new ***Specialized Men's Prison Facility in Elmore County and Escambia Men's Prison Facility in Escambia County Alabama***. The services are noted below and based on the Owner's Design-Build Documents. Emphasis is placed on the testing and inspections related but not limited to the following components of work by the Design-Builder:

- Grading and Site Drainage
- Seepage Control and Dewatering Analysis
- Foundation Preparation
- Pavement Design Compacted Fills
- Soil Classification and Physical Properties
- Slope Stability
- Open and Braced Excavation (Shallow/Deep)
- Testing Soils and/or Aggregates for Acceptance
- Compaction Test and Core Depths
- Testing Roadway and Side Drain Pipe
- Design Concrete Mix Review
- Concrete Test Cylinders
- Test Concrete Aggregate
- Test Asphaltic Cement
- Test Paving Aggregate
- Bituminous Concrete Tests
- Storm water Runoff Discharge Sampling and Testing

PRECONSTRUCTION CONFERENCE

The CMT consultant agrees to meet with the OWNER, PROGRAM MANAGER and DESIGN-BUILDER prior to the start of construction to discuss subsurface soil conditions, soil test results, storm water sampling and testing, and the project construction. The CMT consultant will outline tests to be performed on soils, construction materials, and the evaluations thereof during the construction process.

TESTING SOILS AND/OR AGGREGATES FOR ACCEPTANCE

- a) The CMT consultant's representative shall obtain samples of all soils and/or aggregates used on the project from the DESIGN-BUILDER. These samples shall be of sufficient quantity to provide adequate material for testing and shall be obtained from the development site. The collection of these samples shall be directed and witnessed by the CMT consultant.

- b) The CMT consultant shall perform those tests required by the Alabama Department of Transportation for acceptance of materials and shall report the results of those tests on forms similar to the Alabama Department of Transportation Form BMT-5. The soils and/or aggregates to be tested shall include but not be limited to sub-base and base materials. The testing of sub-base and base materials generally consists of gradation analysis, clay content, and Atterberg Limits tests of samples collected at intervals consistent with the Alabama Department of Transportation Testing Manual. The sampling locations shall be

determined by the random numbers method in accordance with ALDOT-210, except at least two samples shall be collected along each roadway/crane road/temporary haul road.

COMPACTION TESTS AND CORE DEPTHS

All test reports for compaction tests and core depths shall contain a statement that the test results indicate compliance or noncompliance with the specifications (PASS-FAIL).

- a) EMBANKMENT - The Engineer will furnish the CMT consultant with the Construction Plans defining the locations of which the fill equals or exceeds two feet for the development site. During construction of the fills, the CMT consultant shall make sufficient tests to get a representative check of compaction on each two feet of fill. The CMT consultant will be notified by the Engineer and Program Manager as to the time tests are required.
- b) SUBGRADE - Prior to the Design-Builder starting the first layer of sub-base or base course, sub-grade compaction tests shall be taken at intervals consistent with the Alabama Department of Transportation Testing Manual or at any other point specified by the Engineer. The test locations shall be determined by the random numbers method in accordance with ALDOT-210, except at least two tests shall be performed along each roadway. Notification for this testing will be by the Engineer or Program Manager.
- c) SUB-BASE - Where sub-base is used or required, the material shall be sampled and tested for specified compaction at intervals, consistent with the Alabama Department of Transportation Testing Manual, unless otherwise specified, and core depths shall be taken, and depths recorded. The test locations shall be determined by the random numbers method in accordance with ALDOT-210. The Engineer, not the CMT consultant, will make the decision as to any additional sub-base thickness tests which may be required. Notification for this testing will be by the Engineer or Program Manager.
- d) BASE COURSE - Each layer of base course material shall be sampled and tested for specified compaction at intervals consistent with the Alabama Department of Transportation Testing Manual unless otherwise specified and core depth taken and recorded. The test locations shall be determined by the random numbers method in accordance with ALDOT-210, except at least one test shall be made for each 300 feet interval along the roadway/crane road/temporary haul road. The Engineer, not the CMT consultant, will make the decision as to any additional base thickness tests which may be required.

TESTING ROADWAY AND SIDE DRAIN PIPE

The plant shall submit certified copies of concrete compressive strength reports for concrete used in the manufacture of the pipe to the CMT consultant. Reports indicating size and classification of pipe inspected shall be prepared on the CMT consultant's standard form or as otherwise agreed upon with the Engineer.

DESIGN CONCRETE MIXES

Prior to start of construction of concrete bridges, culverts, head-walls, or other concrete structures, the CMT consultant shall review the concrete mixes submitted by the Design-Builder for the various classes of concrete specified. The CMT consultant shall provide comments and recommendations thereon to the Design-Builder. Cylinder test results on a batch of each design mix shall be reviewed by the CMT consultant. Aggregates from sources approved by the Alabama Department of Transportation shall be submitted by the Design-Builder for verification testing by the CMT consultant. The Design-Builder shall submit affidavits certifying the aggregates have

been supplied from a source approved by the Alabama Department of Transportation. The CMT consultant shall provide a report on its observations and evaluation of all such tests to the Engineer and Program Manager.

MOLD AND TEST CONCRETE CYLINDERS

During the construction and upon notification from the Design-Builder, the CMT consultant shall mold and test four (4) concrete cylinders from each day's placement, for every mix design, up to 50 cubic yards or part thereof, or otherwise as directed by the Design-Builder. Slump, air, and temperature tests shall be made for each batch of concrete for which cylinders are molded. Strength tests will be performed (1 at 7 days & 2 at 28 days) from the cylinders and 1 cylinder shall be tested as directed by the Engineer for any concrete not meeting the 28-day strength specification. Results of these tests shall be reported on CMT consultant's standard forms.

TEST CEMENT

Mill Certificates will be required for the cement used in concrete. The Design-Builder shall submit these certificates to the CMT consultant for approval.

TEST CONCRETE AGGREGATE

- a) 100 tons or less total requirements; conformity with ASTM C-33 (test per paragraphs 1, 2, 3, 4, and 8).

- b) Total requirements more than 100 tons; same as (a) except paragraphs 5 & 9 shall be added. If otherwise satisfactory, the aggregate may be used pending maturity of satisfactory 28-day tests. Proof tests shall be submitted by the Design-Builder. Gradation Tests shall be made periodically as the work progresses to assure uniformity. Results of tests shall be reported on CMT consultant standard forms.

TEST ASPHALTIC CEMENT

Each car of asphalt cement shall be tested by manufacturer at the point of origin. If not feasible to test at origin it shall be tested prior to use. Results of tests shall be reported to the CMT consultant by the Design-Builder.

TEST PAVING AGGREGATE (Surface Treatment)

All aggregate for surface treatment paving shall be tested prior to use, and preferable at the point of origin. In general, one representative test shall be made for every 500 tons upon notification by the Design-Builder. Results at tests shall be reported on CMT consultant standard forms.

- a) TEST IN PLACE – The CMT consultant shall provide the PROGRAM MANAGER with density tests and thickness measurements of asphalt concrete pavement. In general, these tests will be performed at the frequencies noted in the project's construction contract for grade, drain, base, and pave projects. The test locations shall be determined by the Random Numbers method in accordance with AIDOT-210. The Design-Builder shall core the pavement at the locations selected by their Engineer. The CMT consultant shall witness the coring and perform thickness and density measurements. Density measurements may be made on cores using the Bulk Specific Gravity method or by using a calibrated thin layer or dual purpose nuclear density gauge. The in-place roadway density tests shall be compared with the Marshall Density or Gyratory Density tests performed at the batch plant or the CMT consultant laboratory in accordance with the specifications. Results of the tests shall be reported to the PROGRAM MANAGER on CMT consultant standard forms.

MAT DENSITY TESTING FREQUENCIES SHALL BE IN ACCORD WITH THE REQUIREMENTS OF THE DESIGN-BUILDER'S CONTRACT WITH THE OWNER.

Understanding of the Delivery of Services

The CMT consultant must understand the goals of the project, the functional and technical requirements, the constraints, and challenges that will shape the *Provider's* concept for delivery of the services. The *Provider* must be familiar the site conditions, seven (7) day workweek, and the field/lab requirements for a fast-track project. The *Provider's* team will engage to assure delivery of a quality product in a timely fashion to keep pace of construction testing & inspection.

Construction Material Testing – General Construction

The scope of services shall consist of all Construction Material Testing and Special Inspections as required by the construction documents, any applicable codes, regulations and standards of the Authorities having jurisdiction specifically including, but not limited to, the following:

Section 033100 Structural Concrete

Foundation & Substructure

Design-Builder shall perform the following three (3) pile load tests at a minimum. The Geotechnical Engineer of Record shall determine location on the site and specify the number of each test pile that is required, but no less than one each. All test piles and reaction piles shall be installed as non-production piles:

1. Compression test in accordance with ASTM D1143
2. Tension test in accordance with ASTM D3689
3. Lateral test in accordance with ASTM D3966

If situations warrant, additional concrete test cylinders may be requested by the Engineer. Test reports shall be sent to the Engineer and PMT within seven (7) days unless concrete does not meet specification, in which case Owner and PMT shall be notified immediately or if required to be sent earlier by the Engineer.

Section 042200 Unit Masonry

Section 051200 Structural Steel Framing

Section 052100 Steel Joist Framing

Section 053100 Steel Decking

Section 055100 Metal Stairs

Section 055200 Metal Railing

Section 072100 Thermal Insulation

Section 072600 Vapor Retarders

Section 072726 Fluid Applied Membrane Air Barriers

Section 074113 Standing Seam Metal Roofing

Section 075423 Thermoplastic Polyolefin (TPO) Roofing

Section 074216 Metal Wall Panels

Section 076200 Sheet Metal Flashing and Trim

Section 07720 Roof Accessories

Section 078413 Penetration Fire Stopping

Section 078446 Fire-Resistive Joint Systems

Section 07200 Joint Sealants

Section 083416 Hangar Doors

Section 083613 Sectional Doors

Section 08500 Windows

Section 08800 Glazing

Section 133419 Metal Building Systems