

SECTION 01 45 29

PROJECT TESTING LABORATORY SERVICES

Notes: This Section is intended to include services provided by an independent testing laboratory employed by the Owner. Off-site testing, such as at manufacturer's plant, is not included; when required, insert text to specify requirements.

Specification of inspection and test standards and quantities required for the entire contract should be specified in each individual technical section.

This text relies on the provisions of the Technical Specification Sections.

PART 1 GENERAL

1.01 REQUIREMENTS INCLUDED

- A. Owner provided Project Testing Laboratory Services.
- B. Builder provided testing facilities for the Project Testing Laboratory's use.
- C. Air Conditioning Test & Balance

1.02 RELATED REQUIREMENTS

- A. General Conditions: Inspections, testing and approvals.
- B. Section 01 78 39 - Project Record Documents.
- C. Section 03 00 00 - Concrete
- D. Division 05 00 00 - Metals

1.03 REFERENCES

- A. ASTM C1077 Standard Practice for Laboratories Testing Concrete and Concrete Aggregates and Criteria for Laboratory Evaluation.
- B. ASTM D3666 - Practice for Evaluating and Qualifying Agencies Testing and Inspecting Bituminous Paving Materials.
- C. ASTM D3740 - Practice for Evaluation of Agencies Engaged in testing and/or Inspection on Soil and Rock as used in Engineering Design and Construction.
- D. ASTM E329 - Standard Recommended Practice for Inspection and Testing Agencies for Concrete, Steel and Bituminous Materials as used in Construction.

1.04 SELECTION AND PAYMENT

- A. Owner will employ and pay for services of an independent testing laboratory (Project Testing Laboratory) to perform specified Quality Assurance testing and Air Conditioning Test & Balance work and reporting.
- B. At the Owner's discretion the testing will be authorized via the Professional's Professional Services Agreement with the Owner.

1.05 LABORATORY REPORTS

- A. After each inspection and test the Project Testing Laboratory will forward copies of all reports directly to Owner via the Professional with a copy to the Builder.

1.06 LIMITS ON PROJECT TESTING LABORATORY AUTHORITY

- A. Project Testing Laboratory may not release, revoke, alter or enlarge on requirements of Contract Documents.
- B. Project Testing Laboratory may not approve or accept any portion of the work.
- C. Project Testing Laboratory may not assume any duties of the Professional or the Builder.
- D. Project Testing Laboratory has no authority to stop work.

1.07 BUILDER'S RESPONSIBILITIES

- A. Make available to Project Testing Laboratory at designated location adequate samples of materials proposed to be used that require testing, together with proposed mix designs.
- B. Cooperate with laboratory personnel and provide access to work[.] [and to manufacturer's facilities.]
- C. If required by the Professional or the Project Testing Laboratory, the Builder shall arrange for adequate working space that may be reasonably needed for conducting plant inspections. Office or working space should be conveniently located with respect to the plant.
- D. Provide incidental labor and facilities to provide access to work to be tested, to obtain and handle samples at the site or at source of products to be tested, to facilitate tests and inspections, and for storage and curing of test samples.
- E. Notify the Professional, the Owner and the Project Testing Laboratory 48 hours prior to expected time for operations requiring inspection and testing services.
- F. Costs of all testing except for retesting due to failure, will be paid by Owner. Failed tests will be retested at Builder's expense.
- G. Arrange with Project Testing Laboratory and pay for additional samples and tests required by Builder beyond specified requirements.

1.08 RETESTING

The Owner retains the right to retest any material that has been tested and approved at the source of supply after it has been delivered to the site. The Professional shall have the right to reject material which, when retested, does not meet the requirements of the Construction Documents.

PART 2 PRODUCTS

Not Used

PART 3 EXECUTION

Not Used

END OF SECTION