

## SECTION 01450

### TESTING LABORATORY SERVICES

#### **PART 1 - GENERAL**

##### **1.1 SUMMARY**

**A. Section Includes:**

1. Selection and payment.
2. Contractor responsibility.
3. Contractor cooperation.
4. Additional tests.
5. Rejection of materials.
6. Test procedures.

**B. Related Sections:**

1. Document 00700 - General Conditions: Testing laboratory.
2. Section 01770 - Closeout Procedures: Project record documents.
3. Individual Specification Sections: Inspections and tests required, and standards for testing.

##### **1.2 SELECTION AND PAYMENT**

**A. Selection and Payment:** Architect shall recommend and the Owner shall select and pay for an independent Testing Laboratory of recognized standing for all testing hereinafter specified and/or required in the Contract Documents.

1. The Contractor shall pay the Testing Laboratory costs for all tests which indicate nonconformance with Contract Documents.

##### **1.3 CONTRACTOR RESPONSIBILITY**

**A. Contractor Responsibility:** Employment of the Laboratory does not relieve the Contractor of responsibility to furnish materials and construction in conformance with the Contract Documents. Processing or use of specified materials shall constitute full acceptance and approval by the Contractor of materials as suitable for the intended purpose, unless the Contractor takes exception by writing to the Architect.

##### **1.4 CONTRACTOR'S COOPERATION**

**A. Contractor's Cooperation:** The Contractor shall cooperate with the Laboratory as follows:

1. Make available, without cost, samples of all materials to be tested.
2. Furnish nominal labor and sheltered working space as is necessary to obtain samples at the project.
3. Advise the Laboratory of the identity of material sources and instruct the suppliers to allow tests or inspections by the Laboratory.
4. Notify the Laboratory sufficiently in advance of operations to allow for completion of initial tests and assignment of inspection personnel.

5. Notify the Laboratory of cancellation of scheduled tests and inspections. The Contractor shall be responsible for paying Laboratory charges for canceled operations if timely notice was not given.

## 1.5 ADDITIONAL TESTS

- A. **Additional Tests:** The Architect and Owner reserve the right to require additional tests to those specified or upon materials not already specified for testing. If such tests disclose noncompliance with the Contract requirements, the Architect and Owner reserve the right to require additional tests at the expense of the Contractor.

## 1.6 REJECTION OF MATERIALS

- A. **Notification:** The Laboratory shall notify the Contractor, or his authorized representative, of any materials or work which are not in full conformance with the Contract Documents and the Architect shall be informed of such notification. Such nonconforming items shall not be incorporated in the finished work unless changed or corrected.

## PART 2 - PRODUCTS (Not Used)

## PART 3 - EXECUTION

### 3.1 TEST PROCEDURES

- A. **Methods:** Tests and inspections shall be conducted in accordance with the requirements of the Contract Documents or, if not specified therein, in accordance with the latest standards of ASTM, ACI, or other recognized authorities.
- B. **Reports:** The Laboratory shall promptly submit written reports of each test and inspection to the Architect, Engineer, Owner, Contractor, suppliers of tested products, and to such other parties the Architect may specify.

END OF SECTION