

## SECTION 01350

### LABORATORY TESTING SERVICES

#### PART 1 - GENERAL

##### 1.01 DESCRIPTION

###### A. Work included:

1. Cooperate with the Owner's selected testing agency and all others responsible for testing and inspecting the Work.
2. Provide such other testing and inspecting as are specified to be furnished by the contractor in this Section and/or elsewhere in the Contract Documents.

###### B. Related work:

1. Documents affecting work of this Section include, but are not limited to, General Conditions, Supplementary Conditions, and Sections in Division 2 of these Specifications.
2. Requirements for testing may be described in various Sections of these Specifications.
3. Where no testing requirements are described, but the Engineer and/or Owner decides that testing is required, the Engineer may require such testing to be performed under current pertinent standards for testing. Payment for such testing will be made as described in this Section.

###### C. Work not included:

1. Selection of testing laboratory: The Owner will select a pre-qualified independent testing laboratory.
2. Payment for initial testing: The Owner will pay for all initial services of the testing laboratory as further described in Article 2.01 of this Section.

##### 1.02 QUALITY ASSURANCE

- A. The testing laboratory will be qualified to the Engineer's approval in accordance with ASTM E 329.
- B. Testing, when required, will be in accordance with all pertinent codes and regulations, and with selected standards of the American Society for Testing and Materials.

### 1.03 PRODUCT HANDLING

Promptly process and distribute required copies of test reports and related instructions to assure necessary retesting and replacement of materials with the least possible delay in progress of the Work.

## PART 2 - PRODUCTS

### 2.01 PAYMENT FOR TESTING

- A. Initial services: The Owner will pay for initial testing services requested by the Engineer.
- B. Re-testing: When initial tests indicate non-compliance with the Contract Documents, subsequent retesting occasioned by the non-compliance shall be performed by the same testing agency, and costs thereof will be deducted by the Engineer from a Progress Payment.

### 2.02 CODE COMPLIANCE TESTING

- A. Inspections and tests required by codes or ordinances, or by a plan approval authority shall be the responsibility of and shall be paid for by the Owner, unless otherwise provided in the Contract Documents.

### 2.03 CONTRACTOR'S CONVENIENCE TESTING

- A. Inspecting and testing performed exclusively for the contractor's convenience shall be the sole responsibility of the contractor.

## PART 3 - EXECUTION

### 3.01 COOPERATION WITH TESTING LABORATORY

- A. Representatives of the testing laboratory shall have access to the Work at all times and at all locations where the Work is in progress. Provide facilities for such access to enable the laboratory to perform its functions properly.

### 3.02 TAKING SPECIMENS

- A. All specimens and samples for testing, unless otherwise provided in the Contract Documents, shall be taken by the testing personnel. All sampling equipment and personnel will be provided by the testing laboratory. All deliveries of specimens and samples to the testing laboratory will be performed by the testing laboratory.

### 3.03 SCHEDULES FOR TESTING

#### A. Establishing schedule:

1. By advance discussion with the testing laboratory selected by the Engineer, determine the time required for the laboratory to perform its tests and to issue each of its findings.
2. Provide all required time to the Owner.

#### B. Revising schedule: When changes of construction schedule are necessary during construction, coordinate all such changes with the testing laboratory as required.

#### C. Adherence to schedule: When the testing laboratory is ready to test according to the established schedule, but is prevented from testing or taking specimens due to incompleteness of the Work, all extra charges for testing attributable to the delay may be back charged to the contractor and shall not be borne by the Engineer.

END OF SECTION