

## SECTION 01400

### TESTING LABORATORY SERVICES

#### PART 1 – GENERAL

##### 1.01 REQUIREMENTS INCLUDED

- A. The Town of Collierville will employ and pay for, services of an independent testing laboratory, acceptable to the Engineer and Contractor, to perform specified services. See respective specification selections for required services.

##### 1.02 RELATED DOCUMENTS

- A. Site Grading and Filling
- B. Foundation Excavation and Backfilling
- C. Cast – In – Place Concrete
- D. Steel Structures

##### 1.03 QUALIFICATION OF LABORATORIES

- A. Meet “Recommended Requirements for Independent Laboratory Qualifications”, edition, which is current when Agreement is signed by Owner and Contractor, published by American Council of Independent Laboratories.
- B. Meet basic requirements of ASTM E 329-72 “Standards for Recommended Practice for Inspection and Testing Agencies for Concrete, Steel and Bituminous Material as Used in Construction.”
- C. Be licensed in the State of Tennessee.
- D. Have properly calibrated equipment, calibrated within the past 12 months by devices of accuracy traceable to either:
  - 1. National Bureau of Standards; or
  - 2. Accepted values of natural physical constants.

##### 1.04 LABORATORY DUTIES

- A. Cooperate with Engineer and Contractor and provide qualified personnel promptly on notice.
- B. Perform specified inspections, sampling and testing of materials and methods of construction.
  - 1. Comply with specified standards, ASTM, other recognized authorities, and as specified.
  - 2. Ascertain compliance with requirements of Contract Documents.
- C. Promptly notify Engineer and Contractor of irregularities or deficiencies in Work, which are observed during performance of duties.
- D. Promptly submit three copies of reports of inspections and tests to Engineer, and submit two copies of those reports to Contractor at the project site.
  - 1. Date issues;
  - 2. Project title, number and location;
  - 3. Testing laboratory name and address;
  - 4. Name and signature of inspector

5. Date of inspection and sampling;
6. Date of test;
7. Identification of product and specifications section;
8. Type of inspection or test, and
9. Observations regarding compliance with Contract Documents.

#### 1.05 LIMITATIONS OF AUTHORITY

- A. Laboratory is not authorized to:
1. Release, revoke, alter or enlarge on, requirement of Contract Documents
  2. Approve or accept any portion of the Work
  3. Perform any duties of the Contractor

#### 1.06 CONTRACTOR'S RESPONSIBILITIES

- A. Cooperate with Laboratory personnel and provide access to Work
- B. Provide to Laboratory, representative samples of materials to be tested, in required quantities.
- C. Furnish copies of mill test reports.
- D. Furnish casual labor and facilities:
1. To provide access to work to be tested;
  2. To obtain and handle samples at the site;
  3. To facilitate inspection and tests; and
  4. For Laboratory's exclusive use for storage and curing of test samples.
- E. Notify Laboratory sufficiently in advance of operations to allow for assignment of personnel and scheduling of tests.
- F. Pay laboratory travel and labor cost if Laboratory personnel come to a job site and find work not ready for testing.
- G. Pay for additional tests when initial tests indicate work does not comply with Contract Documents.

### **PART 2 – PRODUCTS**

(Not Used)

### **PART 3 – EXECUTION**

(Not Used)

END OF SECTION