

The School District of Palm Beach County

Project Name:

SDPBC Project No.:

**SECTION 01 45 00
TESTING LABORATORY SERVICES**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Selection and payment
- B. Quality Assurance
- C. Laboratory reports
- D. Limits on testing laboratory authority
- E. Contractor responsibilities

1.2 REFERENCES

- A. ASTM D3740 – Standard Practice for Minimum Requirements for Agencies Engaged in Testing and/or Inspection of Soil and Rock as Used in Engineering Design and Construction.
- B. ASTM E329 - Standard Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection.

1.3 SELECTION AND PAYMENT

- A. Owner will employ and pay for services of an independent testing laboratory to perform specified inspection and testing.
- B. Employment of testing laboratory shall in no way relieve Contractor of obligation to perform work in accordance with requirements of Contract Documents.

1.4 QUALITY ASSURANCE

- A. Laboratory, authorized to operate in state of Florida.
- B. Laboratory maintains a full time registered Engineer on staff to review services.
- C. Testing Equipment, calibrated at reasonable intervals with devices of accuracy traceable to either National Bureau of Standards (NBS) Standards or accepted values of natural physical constants.

1.5 LABORATORY REPORTS

- A. After each inspection and test, submit the laboratory report electronically to Owner, Architect, and Contractor.
- B. Include:
 - 1. Date issued
 - 2. Project title and number
 - 3. Name of inspector
 - 4. Date and time of sampling or inspection
 - 5. Identification of product
 - 6. Location in the Project
 - 7. Type of inspection or test
 - 8. Date of test
 - 9. Results of tests
 - 10. Pass/fail criteria used to evaluate tests
- C. When requested by Architect, provide interpretation of test results.

1.6 LIMITS ON TESTING LABORATORY AUTHORITY

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

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1.7 CONTRACTOR RESPONSIBILITIES

- A. Make adequate samples of materials requiring testing available on-site, along with proposed mix designs.
- B. Cooperate with laboratory personnel, and provide access to the Work and to manufacturer's facilities.
- C. 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, storage and curing of test samples.
- D. Notify Owner and laboratory a minimum of 24 hours prior to expected time for operations requiring inspection and testing services.
- E. Arrange with laboratory and pay for additional samples and tests required by Contractor beyond specified requirements, and pay compensation for Architect's additional services made necessary by failed tests and inspections.
- F. Testing and reports by the Contractor shall conform to the requirements of this section and to the requirements of Section 01 91 00 - Commissioning.

PART 2 PRODUCTS

2.1 Not Used.

PART 3 EXECUTION

3.1 Not Used.

END OF SECTION