

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section covers the Contractor's coordination with the Owner and the Testing Laboratory provided for the Project.

1.2 RELATED REQUIREMENTS

- A. Section 01 25 13, Product Substitution Procedures

1.3 GENERAL

- A. A Testing Laboratory will be provided for the Project at the Owner's expense. The Owner will contract with an independent entity or consultant to provide the necessary equipment and provide the services to perform the Quality Assurance testing for the Owner as required by the Contract Documents.
- B. The Contractor shall coordinate with the Owner's Authorized Representative (OAR) and the Testing Laboratory in collecting or providing the required samples for testing on the Project.
- C. The Contractor shall be responsible for all communication between the Contractor, his employees, Subcontractors, and the Owner's personnel, including the OAR, Inspector, and Testing Laboratory personnel in the scheduling times for inspections, tests, obtaining samples and similar activities.
- D. The services of the Testing Laboratory shall in no way relieve the Contractor of the obligation to perform the Work in accordance with requirements of the Contract Documents including providing Quality Control testing and monitoring of the Project components.
- E. All portions of the Work shall be subject to Quality Assurance inspection in accordance with the Contract Documents and shall remain accessible and exposed for inspection purposes until otherwise approved by the OAR.

PART 2 - PRODUCTS

Not Used.

PART 3 - EXECUTION

3.1 TESTING COORDINATION

- A. The Contractor shall provide, [on a weekly basis], an anticipated inspection schedule, coordinated with the Construction Schedule, showing the anticipated Quality Assurance inspection needs for the following [three (3) weeks] to facilitate appropriate coordination and mobilization of required personnel.
- B. The Contractor shall provide notice to each party at least [two (2) Working Days] prior to any Quality Assurance inspection or testing obligation for modifications from the provided schedule.
- C. The Contractor shall coordinate the sequence of activities to accommodate required Quality Assurance observation and testing services with a minimum of delay.
- D. The Contractor shall coordinate activities to avoid the necessity of removing and replacing construction to accommodate for any inspections and tests.

- E. The Contractor shall provide adequate access of the Owner's personnel and the Testing Laboratory personnel to the Work so that any Quality Assurance inspection, observation, and/or sample may be obtained from the Work area.
- F. The Contractor shall cooperate with the OAR, the Testing Laboratory, and any other Owner's personnel to perform any required Quality Assurance inspection, observation, test, or similar service, and shall provide reasonable auxiliary service to such parties as requested.

3.2 OWNER TESTING COSTS

- A. The Owner will be responsible for the costs of initial Quality Assurance inspections and tests required by the Contract Documents.

3.3 CONTRACTOR TESTING COSTS

- A. The Contractor shall be responsible for the costs of any repeat Quality Assurance inspection, observation, or test due to:
 - 1. Inadequate access existed at the time of the scheduled inspection, observation, or test.
 - 2. The subject Work area was incomplete or otherwise not prepared or ready when Owner's personnel, Inspector, or Testing Laboratory personnel arrive.
 - 3. Failure of the Contractor or a Subcontractor to properly schedule or notify the OAR, Inspector, the Testing Laboratory, or any other Owner's personnel responsible for the Work area or product.
 - 4. Any change in sources, lots, or suppliers of products after the original test(s) or inspection(s) were completed.
 - 5. Any changes in the means, methods, techniques, sequences, and procedures of construction that necessitate additional testing, inspection, and related services.
 - 6. Changes in mix designs for concrete and mortar after review and acceptance of the submitted mix design.
 - 7. Any Contractor, Subcontractor, installation errors, or fabrication errors.
 - 8. Any inefficient, sporadic, or poorly organized manufacturing that causes additional testing cost to be incurred by the Owner or Owner's contracted personnel or firm.
- B. The Contractor shall be responsible for the costs of all Quality Control testing.

3.4 CONTRACTOR ADDITIONAL TESTING

- A. Any additional testing required by the Contractor for determination of construction timing, scheduling, or justification of any discrepancy shall be the sole responsibility of the Contractor.
- B. The Contractor shall provide test data an independent testing laboratory to verify materials proposed by the Contractor for a Substitution as stated in Section 01 25 13.
- C. The independent testing laboratory shall not be the same entity contracted with the Owner for the Testing Laboratory, inspections, or testing services on the Project.

3.5 LIMITS ON TESTING LABORATORY AUTHORITY

- A. The Testing Laboratory may not:
 - 1. Release, revoke, alter, or enlarge on requirements of Contract Documents.
 - 2. Approve or accept any portion of the Work.
 - 3. Assume any duties of Contractor.
- B. The Testing Laboratory shall have no authority to stop Work.

3.6 REPAIR AND PROTECTION

- A. Upon completion of all inspection, testing, obtaining samples, and similar services, the Contractor shall repair any damaged area and restore substrates and finishes to eliminate any deficiency, including visual qualities of exposed finishes.
- B. The Contractor shall protect any Work areas exposed for inspection, observation, or testing activities and protect any repaired areas.

PART 4 – MEASUREMENT AND PAYMENT

Not Used.

- END OF SECTION -