

SECTION 01450 - QUALITY CONTROL

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section specifies requirements for quality control services. Quality control services include inspections and tests performed by independent agencies and governing authorities, as well as the Contractor.
1. Selection of testing laboratory: The Owner will select a prequalified independent testing laboratory.
 2. Payment for initial testing: The Owner will pay for all initial services of the testing laboratory as further described in this Section.
 3. Requirements for testing may be described in various Sections of these Specifications.
 4. Where no testing requirements are described, the Owner 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.
 5. BJ's Wholesale Club, Inc.'s Project Manager is authorized to suspend work for just cause and immediately notify Owner for consultation to resolve.
 6. General Contractor shall have no right to claim if cause is due to non-conformance with the Contract Documents.
- B. Contractor's Responsibilities:
1. Cooperate with 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.

1.2 PAYMENT FOR TESTING

- A. Initial Services:
1. The Owner will pay for initial testing services requested by the Owner.
 2. When initial tests indicate non-compliance with the Contract Documents, the costs of initial tests associated with that non-compliance will be deducted by the Owner from the Contract Sum.
- B. Retesting:
1. 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 Owner from the Contract Sum.

1.3 CODE COMPLIANCE TESTING

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

1.4 CONTRACTOR'S CONVENIENCE TESTING

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

1.5 COOPERATION WITH TESTING LABORATORY

- A. The Contractor shall cooperate with agencies performing inspections or tests and provide auxiliary services as requested. Notify the agency in advance of operations to permit assignment of personnel. Auxiliary services include but are not limited to:
 - 1. Providing access to the Work and furnishing incidental labor and facilities necessary to facilitate inspection and tests.
 - 2. Taking representative samples of materials that require testing or assisting the agency in taking samples.
 - 3. Providing facilities for storage and curing of samples, and delivering samples to testing laboratories.
 - 4. Providing security and protection of samples and test equipment at the Project site.

1.6 DUTIES OF THE TESTING AGENCY

- A. The agency engaged to perform inspections, and testing of materials and construction shall cooperate with the Architect and Contractor in performance of its duties, and provide qualified personnel to perform inspections and tests.
 - 1. The agency shall notify BJ's Wholesale Club, Inc., the Architect and Contractor promptly of deficiencies observed during performance of its services.
 - 2. The agency is not authorized to release, revoke, alter or enlarge requirements of the Contract Documents, or approve or accept any portion of the Work.
 - 3. Taking specimens: 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 testing laboratory will be performed by the testing laboratory.
- B. Coordination: The Contractor and each agency engaged to perform inspections and tests shall coordinate the sequence of activities to accommodate services with a minimum of delay. The Contractor and each agency shall coordinate activities to avoid removing and replacing construction to accommodate inspections and tests.

1. The Contractor is responsible for scheduling inspections, tests, taking samples and similar activities.

1.7 CONTRACTOR'S RESPONSIBILITIES

A. Schedules For Testing:

1. Establishing schedule:
 - a. By advance discussion with testing laboratory selected by the Owner, determine time required for the laboratory to perform its tests and to issue each of its findings.
 - b. Provide all required time within the construction schedule.
2. Revising schedule:
 - a. When changes of construction schedule are necessary during construction, coordinate all such changes with testing laboratory as required.
3. Adherence to schedule:
 - a. When testing laboratory is ready to test according to 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 will be back-charged to the Contractor and shall not be borne by the Owner.

1.8 SUBMITTALS

- A. The testing agency shall submit a certified written report of each inspection and test to the Architect, in duplicate, unless the Contractor is responsible for the service. If the Contractor is responsible, submit a certified written report of each inspection and test through the Contractor, in duplicate.
 1. Non-conforming items noted in report shall be faxed to BJ's Wholesale Club, Inc. within twelve (12) hours of noted deficiency. Deficiencies shall be recorded and left on site, hand written, for immediate action.
 2. Submit additional copies of each report to the governing authority, when the authority so directs.
- B. Report Data: Written reports of each inspection or test shall include, but not be limited to:
 1. Date of issue.
 2. Project title and number.
 3. Name, address and telephone number of testing agency.
 4. Dates and locations of samples and tests or inspections.
 5. Names of individuals making the inspection or test.

6. Designation of the Work and test method.
7. Identification of product and Specification Section.
8. Complete inspection or test data.
9. Test results and an interpretation of test results.
10. Ambient conditions at the time of sample-taking and testing.

11. Comments or professional opinion as to whether inspected or tested Work complies with Contract Document requirements.
12. Name and signature of laboratory inspector.
13. Recommendations on retesting.

1.9 QUALIFICATION FOR SERVICE AGENCIES

- A. Engage inspection and testing agencies which are prequalified as complying with "Recommended Requirements for Independent Laboratory Qualification" by the American Council of Independent Laboratories, and specialize in the types of inspections and tests to be performed.
 1. Each inspection and testing agency engaged shall be authorized to operate in the State in which the Project is located.

PART 2 – PRODUCTS

Not used

PART 3 – EXECUTION

3.1 REPAIR AND PROTECTION

- A. Upon completion of inspection and testing, repair damaged construction including substrates and finishes to eliminate deficiencies.
 1. Protect construction exposed by or for quality control service activities, and protect repaired construction.
 2. The Contractor is responsible for repair and protection regardless of the assignment of responsibility for inspection and testing.

END OF SECTION