02/25/2025

Use on all projects.

## Section 153. — CONTRACTOR QUALITY CONTROL

**Description**

**153.01** Add the following:

This work also consists of using EEBACS to prepare electronic *Contractor Daily Inspection Reports* (CDRs)and measurement notes (pay notes), including entering labor, equipment, subcontractors, and inspection records into the system.

**Construction Requirements**

**153.03(b) QC procedures.** Add the following to Subsection (3):

List the material to be tested by pay item, tests to be conducted, the location of sampling, and the frequency of testing.

**153.03** **Quality Control Plan.** Add the following after Subsection (c):

**(d) Subcontractors and suppliers.** Include the work of all subcontractors. If a subcontractor is to perform work under this Section, explain how the subcontractor’s inspection plan will interface with the Prime Contractor first tier subcontractors and lower tier subcontractors and organizations, and the CO. Include the work of major suppliers and suppliers of structural and geotechnical services and materials.

**153.03** **Quality Control Plan.** Add the following:

Modifications or additions may be required to any part of the plan that is not adequately covered. Acceptance of the quality control plan will be based on the inclusion of the required information. Acceptance does not imply any warranty by the Government that the plan will result in consistent contract compliance. It remains the responsibility of the Contractor to demonstrate such compliance.

Include if the QCM can also perform other roles on the project (not required to be fulltime QCM). This typically will be smaller projects.

**153.04 Quality Control Manager.** Delete the second sentence and substitute the following:

The QCM may perform other roles on the project including managing and superintending the project. Provide a QCM with no responsibilities for performing operations on the project.

Use on all projects.

**153.05 Certifications and Submittals.** Delete this Subsection and substitute the following:

For materials or work accepted by certification according to Subsection 106.03, review all certifications to ensure compliance with the requirements of the contract before incorporating materials into the work and provide a signed copy of the reviewed certification to the CO. According to FAR Subpart 46.407, materials or work without proper certification will be rejected in writing, and payment for such material or work will be withheld until proper certification has been provided to the CO.

**153.06 Prosecution of Work.** Delete this Subsection and substitute the following:

Address each of the subjects shown for each phase of construction:

**(a)** **Preparatory phase.**

**(1)** In a preparatory phase meeting, review the contract requirements for the work; the process for constructing the work; and the plan for inspecting, testing, measuring, and reporting the work. Include the project superintendent, QCM, work foreperson, and the CO in the meeting. Schedule and conduct a preparatory meeting for each type of work to be performed at least one week prior to beginning the work.

**(2)** Review and coordinate certifications, submittals, plans, drawings, and permits.

**(3)** Verify the capabilities of equipment, material, and personnel. Provide training as necessary.

**(4)** Establish a detailed testing schedule based on the production schedule.

**(5)** Ensure preparatory testing and inspection is accomplished.

**(6)** Review accuracy of the surveying and staking.

**(b)** **Start-up phase.**

**(1)** In a start-up phase meeting, review the contract requirements and the processes for constructing the work with the personnel who will be performing the work. Invite the CO, project superintendent, QCM, testers, and inspectors of the work being performed, and the personnel directly supervising and performing the work. Review the planned testing, inspection, and reporting requirements with the quality control personnel responsible for the testing and inspection. Explain the reporting procedures to be used if defective work is identified. Conduct a start-up meeting for each type of work to be performed upon beginning the work.

**(2)** Inspect, test, and report start-up work according to the QCP and ensure the work conforms to the contract.

**(c)** **Production phase.**

**(1)** Inspect, test, and report according to the QCP and evaluate the acceptability of the work produced.

**(2)** Identify and correct deficiencies.

**(3)** Request Government inspection.

**(4)** Provide feedback on processes and deficiencies. Identify root causes of deficiencies and make timely and effective changes to work processes to prevent repeated deficiencies.

**153.07 Sampling and Testing.** Delete this Subsection and substitute the following:

Perform sampling and testing according to the approved QCP. As a minimum perform process control testing according to the Sampling, Testing, and Acceptance Requirements tables at the end of each Section where applicable. Where no minimums are specified, submit proposed tests to be performed and the proposed sampling and testing frequencies.

**(a) Sample splitting.** Schedules and times or locations for obtaining on-site split samples for Government use will be provided by the CO using a procedure for random sampling. Sample any material that appears defective or inconsistent with similar material being produced, unless such material is voluntarily removed and replaced or otherwise corrected according to Subsection 106.01

If a Government-furnished field laboratory is not available to the project, delete “If the Government-furnished field laboratory bid alternate is not exercised by the CO,” Include the remainder of the sentence: “Provide a laboratory equipped with all test equipment necessary to satisfy the requirements of the contract.

**(b) Testing.** <<<If the Government-furnished field laboratory bid alternate is not exercised by the CO,>>> provide a laboratory equipped with all test equipment necessary to satisfy the requirements of the contract. Ensure test equipment has been checked, calibrated, standardized, and otherwise verified according to AASHTO and ASTM standards by an individual qualified to perform the work. Perform an equipment inspection after the laboratory has been moved to its permanent location on the project site, and anytime it is moved thereafter. Inspect equipment within 45 days of actual use for project testing, and at least once a year thereafter. Do not use equipment that has not been inspected or is found to be deficient. Mark deficient equipment and take it out-of-service until repaired or replaced and shown by subsequent inspection to perform as required. Maintain records documenting laboratory equipment inspections. Provide certification stating the equipment conforms to testing requirements and provide evidence of current inspection. Keep laboratory facilities clean and maintain equipment in proper working condition. Allow the CO unrestricted access to the laboratory for inspection and review.

The CO may require a demonstration of proficiency in sampling and testing capabilities. One or more proficiency samples may be provided by the Government to verify basic qualifications. Provide the results of the proficiency samples to the CO within 48 hours of receipt of the material.

**153.08 Records and Control Charts.** Delete the first sentence and substitute the following:

Maintain complete testing and inspection records by pay item number and make them accessible to the CO.

**(a) QC and construction operations reports.** Delete the text and substitute the following:

For each day of the contract, prepare a CDR using EEBACS. Enter initial data for Labor/Equipment and Subcontractors before beginning any work. Maintain and update the Labor/Equipment and Subcontractors data to reflect ongoing changes as they occur. Report operations or items of work separately, with manpower and equipment assigned to each operation separately. Detail inspection results, including deficiencies observed and corrective actions taken. Complete a CDR for each contractor and subcontractor working that day.

When submitting test results on material being incorporated into the work, report test results within the reporting times indicated in the sampling and testing requirements at the end of each Section.

Enter the following data into EEBACS:

**(1) Subcontractor data.**

**(2) Labor/Equipment**.

*(a)* All manpower and equipment, including contractor and subcontractors. Complete all data fields.

*(b)* Labor: Type/classification, move-in date, move-out date, hourly rate, the contractor or subcontractor, and name.

*(c)* Equipment: Type/classification, move-in date, move-out date, make, model, and year of equipment manufacture.

Certify all CDRs using the following statement:

*“I certify that the information contained in this record is accurate and that work documented herein complies with the contract. Exceptions to this certification are documented as a part of this record.”*

Submit certified CDRs that have been signed by a person who has both responsibility for the inspection system and signature authority.

Submit the record and certification within 24 hours of the work being performed. If the CDR is incomplete, in error, or otherwise misleading, the CDR will be rejected and returned within EEBACS with corrections noted. Correct rejected CDRs and resubmit the revised CDR within 24 hours. If chronic errors or omissions occur, correct the procedures by which the records are produced.

**153.09 Acceptance.** Add the following:

The Government may charge to the Contractor the cost of any additional inspections required when the work being inspected is found not to comply with contract requirements during the initial inspection. Work stop orders, due to recurring deficiencies of work required by this Section, will be rescinded after the Contractor demonstrates to the CO that changes were made to the quality control plan and system which resulted in the correction of those deficiencies. There will be no adjustment in the contract time, or payments to the Contractor for any impacts, delays, or other costs due to any periods of work stoppage resulting from failure to comply with the requirements of this Section.

EEBACS electronic documentation will be evaluated under Subsection 106.02.

**Measurement**

**153.10** Add the following:

Do not measure EEBACS electronic documentation for payment.

**Payment**

**153.11** Add the following:

Progress payments for Contractor quality control by the lump sum will be paid as follows:

**(a)** 25 percent of the pay item amount, no more than 0.5 percent of the original contract amount, will be paid after the Contractor quality control plan is accepted; all testing facilities are in place; qualified quality control supervisor, inspection, and sampling and testing personnel are in position to provide quality control activities; and the work being inspected or tested has started.

**(b)** 65 percent of the pay item amount will be prorated for payment based on the completed portion of the total work not including the original 25 percent completed under (a) above.

**(c)** The remaining portion of the pay item amount will be paid when all inspections, test results, submittals, and reports are complete and accepted.