

DEARNG - Seven (7) Converted Firing Ranges Lead Dust Remediation

New Castle and Sussex Counties, DE
H-11159

ADDENDUM 7.0 RFI #5

December 7, 2012

This document is associated with the Delaware Army National Guard Lead Dust Remediation Seven (7) Converted Firing Ranges Project, (Harvard Reference Number H-11159), and is considered incorporated into the Contract Documents.

7.1 The following questions were presented to Harvard via e-mail on 12/7/12. The answers are provided.

7.1.1 In regards to clearance criteria, the spec has determined means and methods for remediation. Concrete is porous and in the event that your clearance criteria cannot be obtained within a reasonable time will DEARNG accept the use of alternative methods at a change to contract amount?

a) No change to contract amount will be accepted if the use of alternative methods is proposed. The means and methods defined in the specifications and addendums may be enhanced beyond those described as long as:

- i) no sealants, paint coatings, primers, and epoxies are used prior to clearance achievement.**
- ii) no positive pressure air force is used. (*However, this may be accepted with prior authorization if all work area personnel dons full protective hood gear and face shields during operation as per OSHA requirements – Substitutions of PPE must be in writing by the contractor and approved by the owner or owner's representative)**
- iii) No building structural component removal or modification is performed as a method of removal of a dust contaminated surface, unless specified in scope of work (Prior authorization by the building owner must be given to remove non-structural components not identified in the scope of work)**

7.1.2 And will DEARNG define reasonable time?

b) The completion expectation date in May 31st, 2012. The DEARNG will allow an additional 30 days in the event that clearance levels cannot be achieved.

- 7.1.3 If alternative methods at a change to contract cannot be accepted, can you identify the section in the spec that holds us to the means and methods without change?
c) Attached is an additional specification Section 01421 that defines the responsibility of cost.
- 7.1.4 Also can you provide historical data that shows that the clearance levels can be obtained with the means and methods defined in the spec?
d) No historical data provided. The means and methods were developed using NIBS (National Institute of Building Sciences) for guidance with removing lead dust contamination.

END OF ADDENDUM 7.0

Attachment 7.1
Meeting Attendance Record
DEARNG - Seven (7) Converted Firing Ranges
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VALIDATION OF RECEIPT
ADDENDUM 7.0

Provided below is a check list of the electronic distribution of information associated with the project indicated above.

Description	Received	Printed
Addendum 7.0 – 2 Pages		
Attachment 7.1 - Validation Of Receipt – 1 Page		
Attachment 7.2 – Specification Section 01421 – 1 Page		

Name: _____ Company: _____

Signature: _____ Date: _____

COMPLETED FORMS MUST BE FAXED TO
HARVARD ENVIRONMENTAL, INC.
1-302-326-2335

Attachment 7.2
Meeting Attendance Record
DEARNG - Seven (7) Converted Firing Ranges
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Specification Section 01421

SECTION 01421

PROJECT CLEARANCE – LEAD DUST

PART 1 - GENERAL

1.1 RELATED DOCUMENTS:

- A. Drawings and general provisions of the Contract, including those outlined within the DEARNG's and State of Delaware's procurement for policies and contracts and other Specification Sections, apply to this Section.
 - 1. Visual Inspection: Required as a prerequisite of sampling is set forth in Section 01727 Project Decontamination.

1.2 DESCRIPTION OF THE WORK

- A. Not in Contract Sum: This Section describes work being performed by the Owner's Project Monitor. This work is not in the Contract Sum.
- B. This Section sets forth required surface lead dust concentration in Work Area's and describes testing procedures the Owner will use to measure these levels.

1.3 ANALYTICAL METHODS:

- A. Atomic Absorption Spectroscopy or Inductively Coupled Plasma Emission Spectroscopy will be used for analysis of:
 - 1. Surface lead dust wipe samples

1.4 VISUAL INSPECTION:

- A. Work of this Section will not begin until the visual inspection described in Section 01727 Project Decontamination has been completed and certified by the project monitor.

1.5 CLEARANCE CRITERIA:

- A. Wipe Sampling Clearance: Decontamination within a given area of work is complete when clearance wipe sampling is below the Clearance Criteria of *200 micrograms per square foot* for surfaces within the ranges at Readiness Centers: Duncan, Scannell, Georgetown, Pigman, Milford and Dagsboro; Work is complete when clearance wipe sampling is below the Clearance Criteria of *40 micrograms per square foot* for surfaces within the 198th Regiment Building.
- B. If clearance levels are not satisfactory, the decontamination is incomplete and recleaning per Section 01727 - Project Decontamination is required at no additional cost to the Owner.

END OF SECTION 01421