



**DELAWARE HEALTH
AND SOCIAL SERVICES**

Division of Management Services

“DMS – Serving Those Who Serve Delaware”

December 16, 2011

CONTRACT # HSS 11096-ANALYZER

X-Ray Fluorescence Lead Analyzer

Bid Due Date: December 29, 2011

ADDENDUM # 1

The attached sheets hereby become a part of the above mentioned bid.

Sylvia Adams
Purchasing Coordinator

X-Ray Fluorescence Lead Analyzer

Required for use by

Delaware Health and Social Services
Department of Public Health
Office of Healthy Environments

Addendum #1

Questions & Answers HSS 11096-ANALYZER

- 1) What metals other than lead would you like the device to measure?

Lead is the primary metal needed. Mercury and Cadmium would be the additional requirements.

- 2) What regulatory agency should the device's measurements adhere to when measuring these other metals?

Since regulatory limits for other metals in consumer products do not uniformly exist at this time, the device does not need to conform to a specific standard for metals other than lead.

- 3) What measurement limits do you wish to achieve when measuring these other metals?

The paragraph below is an acceptable revision to the specifications.

At this time HUD and EPA do not set any regulatory limits with regard to XRF measurements of metals other than lead. Nor do they have any regulatory limits with regard to XRF measurements of toys or consumer goods. HUD and EPA have only set regulatory limits with regard to XRF measurements on walls, windows, doors, stairs, etc. which are based on each XRF device's Performance Characteristic Sheet (PCS document). Therefore, we suggest that the specification simply state that the "XRF device must have the ability to determine content of lead in multiple surface types at or below regulatory limits based on the HUD/EPA Chapter 7 guidelines and supported by the PCS (Performance Characteristic sheet) documents developed by the US HUD/EPA to include all substantiated features of the XRF system."