MoDOT

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Missouri Department of Transportation
Kevin Keith, Director

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ADDENDUM 001
REQUEST FOR BID
Central Office Lab Reroof
Request for Bid 9-120918RJ

Bidders should acknowledge receipt of Addendum 001 (ONE) by **signing** and **including it** with the original bid. The due date for receipt of proposals remains **unchanged** by this Addendum. Accordingly, the following clarifications, questions and answers are believed to be of general interest to all potential Bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Reva Jones Senior General Services Specialist
Contractor/Offeror Signature (Signature of person authorized to sign)	Department of Transportation Reva Jones (Authorizing Signature)
Date Signed:	Date Signed: August 27, 2012

The asbestos report was not submitted with the original bid and is hereby added with addendum #001.

MEMORANDUM

Missouri Department of Transportation
Construction and Materials
Central Laboratory

TO: Dale Brandt-gs

COPY:

FROM: Frank Reichart
Environmental Chemist

DATE: August 24, 2012

SUBJECT: Materials
Asbestos Inspection & Heavy Metal Paint Survey
Route BUS 50
Job No. N/A
Parcel Central Laboratory Roof
Cole County

We are providing you with the results of the requested inspection on the above referenced property. The inspection report contains an asbestos and a heavy metals survey, unless otherwise requested. The asbestos inspection included sample collection of suspect asbestos-containing material and National Voluntary Laboratory Accreditation Program (NVLAP) accredited testing to confirm the presence of asbestos. This asbestos and heavy metal paint report includes four different report forms. Form T746 lists all of the samples taken during the asbestos inspection. Form T747 shows only those samples that tested positive for Category I nonfriable asbestos-containing materials that may remain in the structure during demolition, if kept adequately wet to avoid visible air emissions. Form T748 shows only those samples that tested positive for asbestos and require removal prior to demolition. Form C760 lists all paint samples taken during the heavy metal paint survey and their metal content.

In accordance with the National Emissions Standard for Hazardous Air Pollutants (NESHAP), as well as city and county asbestos abatement regulations - Registration, Notification, and Performance Requirements, regulated asbestos-containing material (RACM) namely, Friable and Category II nonfriable, have a high probability of becoming friable under normal demolition forces. Practices and procedures for removal prior to demolition, disposal, and clearances should be in accordance with referenced regulations. Missouri Department of Transportation policy is to perform asbestos abatements in accordance with NESHAP.

In accordance with Missouri Department of Natural Resources' Technical Bulletin "Managing Construction and Demolition Waste" dated January 31, 2003, a heavy metal paint survey has been performed on the above referenced property. We are providing you with the results of this survey. This survey includes locating painted concrete, block and/or brick surfaces, sampling/testing the painted surface(s) to determine if hazardous heavy metals are present. Non-hazardous painted concrete, blocks, or bricks may be used as clean fill materials, if properly

handled. You must contact the Central Office Design Division for proper handling of the reported painted surfaces.

Although our survey included observing and sampling behind walls, above ceilings, beneath floors, etc., it is possible that potentially hidden asbestos-containing materials may exist within the structure. To our knowledge, we have located all suspect asbestos-containing and all painted concrete, block and brick surfaces. If suspect asbestos-containing materials or if painted concrete, block and/or brick surfaces are observed in addition to those reflected in this inspection report, then please advise us immediately so that we may schedule a follow-up inspection.

Should you have any questions regarding these reports, please contact me at (573) 526-4359.

db
http://sharepoint/systemdelivery/cm/chemicallab/environmental/shared documents/districts/central (cd)/misc/fr1208242.docx
Attachments

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All Suspect ACM

ROUTE:	BUS 50	**SURVEYED BY:**	Frank Reichart
MODOT JOB NO.:	N/A	**CERTIFICATION #:**	7118010412MOIR11239
DISTRICT:	CD	**SITE ADDRESS:**	1617 Missouri Boulevard, Jefferson City 65109
COUNTY:	Cole	**TYPE(S) OF STRUCTURE(S):**	Multi-Story Brick Commercial Building with Partial Basement
DATE OF SURVEY:	August 24, 2012		
PARCEL NO.:	Central Laboratory-Roof		

Sample ID	Type of Materials	Location of Material	Friability Category	Field Measure
12MFJR A00	Membrane	Roof, 1st Layer	N-ACM	
12MFJR A01	Insulation Board	Roof, 2nd Layer	N-ACM	
	NOTE: This inspection report is limited to only the North portion of 1st Floor roof as requested. It does not include any other part of the building.			

N-ACM = Non-Asbestos Containing Material I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable
NAFD = No Asbestos Fiber Detected * = Tested By Point Count Procedure

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
Nonfriable Asbestos-Containing Materials
(Abatement not required if not made friable during demolition.)

ROUTE: BUS 50
MODOT JOB NO.: N/A
DISTRICT: CD
COUNTY: Cole
DATE OF TESTS: August 24, 2012
PARCEL NO.: Central Laboratory-Roof

TESTED BY: Frank Reichart
CERTIFICATION #: 7118010412MOIR11239
SITE ADDRESS: 1617 Missouri Boulevard, Jefferson City 65109
TYPE(S) OF STRUCTURE(S): Multi-Story Brick Commercial Building with Partial Basement

Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
		None Located	I NF			
	NOTE: This inspection report is limited to only the North portion of 1st Floor roof as requested. It does not include any other part of the building.					

All necessary work to handle this material is the contractor's responsibility.

I NF = Category I Nonfriable

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Asbestos Survey Report
All materials requiring removal or special handling.

ROUTE:	BUS 50	**TESTED BY:**	Frank Reichart
MODOT JOB NO.:	N/A	**CERTIFICATION #:**	7118010412MOIR11239
DISTRICT:	CD	**SITE ADDRESS:**	1617 Missouri Boulevard, Jefferson City 65109
COUNTY:	Cole	**TYPE(S) OF STRUCTURE(S):**	Multi-Story Brick Commercial Building with Partial Basement
DATE OF TESTS:	August 24, 2012		
PARCEL NO.:	Central Laboratory-Roof		

Bid Item No.	Sample ID	Type of Material	Location of Material	Friability Category	Field Measure	Asbestos Type	Percent
			None Located	F			
			None Located	II NF			
		NOTE: This inspection report is limited to only the North portion of 1st Floor roof as requested. It does not include any other part of the building.					

I NF = Category I Nonfriable II NF = Category II Nonfriable F = Friable * = Tested By Point Count Procedure

MISSOURI DEPARTMENT OF TRANSPORTATION
CONSTRUCTION AND MATERIALS
Metals Survey Report of Painted Concrete, Block, Brick Surfaces for Clean Fill Purposes

ROUTE:	BUS 50	**TESTED BY:**	N/A
MODOT JOB NO.:	N/A	**DATE OF TESTS:**	N/A
DISTRICT:	CD	**PARCEL NO.:**	Central Laboratory-Roof
COUNTY:	Cole	**SITE ADDRESS:**	1617 Missouri Boulevard, Jefferson City 65109
SURVEYED BY:	Frank Reichart	**TYPE(S) OF STRUCTURE(S):**	Multi-Story Brick Commercial Building with Partial Basement
DATE OF SURVEY:	August 24, 2012		

Sample ID	Color/Location of Material/Substrate	Metals (ppm)							
		As	Cr	Pb	Cd	Se	Ba	Hg	Ag
	No samples taken. No painted surfaces located.								
	NOTE: This inspection report is limited to only the North portion of 1st Floor roof as requested. It does not include any other part of the building.								

All results are by XRF unless otherwise indicated: a = USEPA SW-846 Method 3050
b = USEPA SW-846 Method 7471