# REQUEST FOR QUOTE # 44-220A-2011 DEMOLITION AND ABATEMENT SERVICES



By:
Charlene McNair, Buyer II
Riverside County Transportation and Land Management
4080 Lemon Street, 14<sup>th</sup> Floor
Riverside, CA 92502
(951) 955-1858 / (951) 955-1859 (fax)

#### INSTRUCTIONS TO BIDDERS

- I. <u>Vendor Registration</u> Unless stated elsewhere in this document, vendor must register online at <u>www.Purchasing.co.riverside.ca.us</u> with all current Vendor information, to be registered on the County's database.
- II. <u>Prices/Notations</u> All prices/notations must be typewritten or written in ink. No erasures permitted. Mistakes shall be crossed out, corrections made adjacent and initiated by person signing document. Each item shall be bid separately.
- III. Format Use the documents provided. If submitting more than one bid, separate the bid documents.
- IV. Pricing/Delivery Terms/Tax All pricing shall be quoted F.O.B. destination, (e.g., cash terms less than 20 days should be considered net) excluding applicable tax. The County reserves the right to designate method of freight. The County pays California Sales Tax and is exempt from Federal excise tax. In the event of an extension error, the unit price shall prevail.
- V. Other Terms and Conditions The terms and conditions as indicated in this document and/or attached are hereby included with full force and like effect as if set forth herein. Copies of the applicable Terms and Conditions may be obtained by contacting Riverside County Purchasing at the number shown above and requesting a copy be faxed or mailed to you.
- VI. Period of Firm Pricing Unless stated otherwise elsewhere in this document, prices shall be firm for 90 days after the closing date.
- VII. Specification/Changes Wherever brand names are used, the words "or equal" shall be considered to appear and be a part of the specification. If you are quoting another make or model, cross out our nomenclature and insert yours. If no make or model is stipulated, insert yours. Attach applicable specifications and/or brochures. Variations in manufacturers, design, etc., may be acceptable, bidders are encouraged to offer them as alternatives; however, the County reserves the right to reject those alternatives as non-responsive.
- VIII. Recycled Material Wherever possible, the County of Riverside is looking for items made from, or containing in part, recycled material. Bidders are encouraged to bid items containing recycled material as an alternative for the items specified; however, the County reserves the right to reject those alternatives as non-responsive.
- IX. Environmental Requirements
- X. Method of Award The County reserves the right to reject any or all offers, to waive any discrepancy or technicality and to split or make the award in any manner determined by the County to be most advantageous to the County. The County recognizes that prices are only one of several criteria to be used in judging an offer and the County is not legally bound to accept the lowest offer.
- XI. Return of Bid/Closing Date/Return to The bid response shall be delivered to the address above or may also FAX'ed to the dedicated Secure Bid FAX number listed above by 1:30 p.m. on the closing date listed above. Bid responses not received by County Purchasing by the closing date and time indicated above will not be accepted. The closing date and time and the RFQ number referenced above shall appear on the outside of the sealed envelope or on the FAX cover sheet. A duly executed copy of the signature page of this bid document must accompany your response. The County will not be responsible for and will not except late bids due to busy FAX lines, incomplete transmissions or delayed mail delivery or courier services.
- XI.1 Local Preference The County of Riverside has adopted a local preference program for those bidders located within the County of Riverside. A five percent (5%) price preference may be applied to the total bid price during evaluation of the bid responses. To qualify as a local business, the business must have fixed offices within the geographical boundaries of Riverside County and must credit all sales taxes paid resulting from this RFQ to that Riverside County location.
- XIII. Disabled Veteran Business Enterprise Preference The County of Riverside has implemented a Disabled Veteran Owned Business preference policy. A three percent (3%) preference shall be applied to the total bid price of all quotes/bids/proposals received by the County from certified disabled veterans owned businesses. If the bid is submitted by an non-Disabled Veteran owned business, but lists subcontractors that are identified and qualified as Disabled Owned Business, the total bid price will be adjusted by 3% of the value of that subcontractor's portion of the bid

### IF CHECKED, THE FOLLOWING DOCUMENTS HEREBY MADE PART OF THIS RFQ

_X APPENDIX SAMPLES	X "A"  X PLANS/DRAWINGS/PHOTOS/A  X EXHIBITS	SBESTOS REPORT/MAP	
#116-110 #116-140 _X_#116-260	Special Conditions/Response Special Conditions Personal/Professional Services Local Business Qualification Affidavit	#116-150 #116-130 #116-310	Equipment Information Sheet
	IF CHECKED, THE FOLLOWING GENERAL CO AND LIKE EFFECT AS I		
X #116-200	General Conditions	#116-210	General Conditions Materials and/or Services
#116-230	General Conditions - Equipment	#116-220	General Conditions - Public Works
X_#116-240	General Conditions - Personal/Professional Service	_	

To access any of these General Conditions go to www.purchasing.co.riverside.ca.us, located in Vendor Registration/Bidding Opportunities.

Request for Quote #44-220A-2011
Purchasing Closing Date: August 10<sup>th</sup>, 2011 @ 1:30 pm

LIQUIDATED DAMAGES - It is agreed by the parties to the contract that time is of the essence and in the event complete delivery is not made within the time or times set forth pursuant to this specification, damage will be sustained by the County and that it is and will be impractical and extremely difficult to ascertain and determine the actual damage which the County will sustain in the event of and by reason of such delay. Therefore, it is agreed the successful bidder shall pay to the County of Riverside, as fixed and liquidated damages, and not as penalty, a dollar sum in the amount of \_ per calendar day for each and every calendar day's delay in making delivery in excess of the time or times specified. It is further agreed that in the event such damages are sustained by the County, the County shall deduct the amount thereof from any moneys due or that may become due the vendor under the contract.

#### BIDDER TO COMPLETE ALL SHADED AREAS

	<del></del>	$\overline{}$	<del></del>		1	For the second control of the second control
ITEM NO.	QUANTITY	UNIT	DESCRIPTION		UNIT PRICE	EXTENSION
			The County of Riverside T Enforcement is soliciting of as detailed on page #9 of the	quotations for abatement services		
				S are NOT acceptable S ARE ACCEPTABLE and 5-1859		
			BID CLOSE: August 10 <sup>th</sup> Late bid will NOT be accept			
	:		All prices inclusive and must include all applicable fees, taxes, travel costs, training expenses, permits, etc.			
understand		nditions her	e undersigned has read and reof, and that the undersigned's	1. Total Cost Product/Service		
Company				2. Applicable Sales Tax		
Name				3. Insurance & Handling		
Street Add	lress:					
Mailing Ac	ddress:			4. Subtotal Cost		
City:			State: Zip:	5. Total Shipping Cost (FOB Destination	)	
Remit to A	ddress:			6. Total Delivered Cost (4+5)		
City			State: Zip:	Sales Representative Name:  Phone Number:		
Phone# (	····)					1
Fax # (	)			Email:		
Name			Title	Mobile Phone Number:		
E-mail Add	İress			Company Website;		
the above si geographica generated b	CASH DISCOUNT % from re			s will be contal.	nsidered net)	
County. If	claiming Local Pre	ference ple	ease submit form 116-260.			

# APPENDIX A

# 1.0 PURPOSE/BACKGROUND

The County of Riverside TLMA on behalf of Code Enforcement is soliciting quotations to provide all labor and equipment for the abatement per the scope of work as detailed on page #9 of this RFQ.

# CONTRACTOR'S REQUIREMENTS

Contractor and/or Sub-contractors must posses the proper Contractors license (see section 4.0) issued by the State of California for each craft or type of workman or mechanic needed to execute the contract. Upon request, provide to the TLMA Purchasing a certificate of liability insurance form listing "the County of Riverside: as additional insured and proof of Worker's Compensation Insurance for his employees. Contractor will be required to list all hazardous waste fees for California and all Out of State Fees. Contractor must comply with all State and Federal regulations on the proper disposal of all non hazardous waste materials. The Contractor will notify the County of Riverside in advance of all hazardous materials being transported and the location of the disposal site.

2.0 TIMELINE		

1. RELEASE OF REQUEST FOR QUOTATION	July 25 <sup>th</sup> , 2011
3. MANDATORY JOB WALK	August 8 <sup>th</sup> , 2011 At 9:00 AM
4. DEADLINE FOR QUOTATION SUBMITTAL	August 10 <sup>th</sup> , 2011 At 1:30 PM
5. TENTATIVE DATE FOR AWARDING CONTRACT	To Be Determined

# 3.0 GENERAL REQUIREMENTS

# **Procedures for Submitting Quotations**

All quotations must be submitted in accordance with the standards and specifications contained within this Request for Quote (RFQ).

The County reserves the right to waive, at its discretion, any irregularity, which the County deems reasonably correctable or otherwise not warranting rejection of the quotation.

The County shall not pay any costs incurred or associated in the preparation of this or any quotation or for participation in the procurement process.

Form # 116-100RFQ Revision 4/01/08

Quotes must be specific unto themselves. For example, "See Enclosed Manual" will not be considered an acceptable quotation. Receipt of all addenda, if any, must be acknowledged in the quotation.

Late quotations will not be accepted. Postmarks will not be accepted in lieu of this requirement. Quotations submitted to any other County office will be rejected.

# 4.0 SPECIAL INSTRUCTIONS/REQUIREMENTS

- 1. Contractor needs to schedule and coordinate work throughout the job with Code Enforcement, Michael Sanders @ 951-600-6140.
- 2. High probability that a Warrant will be needed for the abatement of this property. Items can only be removed after a seizure warrant has been obtained by Code Enforcement if applicable. All work to be in conformance with Seizure Warrant within dates specified and start/end dates.

  NOTE: EQUIPMENT CANNOT BE STORED ON THE PROPERTY.
- 3. All work to be in conformance to applicable codes and in compliance with Rule 1403 of the South Coast Air Quality Management District (SCAQMD) regarding requirements pertaining to the demolition of asbestos containing waste material. Contractor must provide a copy of their Asbestos handling license to TLMA Purchasing before work begins. Copies of dump receipts will be required at the end of the job and must be attached to the invoice when submitting for payment.
- 4. JOINT VENTURES ARE PERMISSABLE. HOWEVER, THE COUNTY WILL CONTRACT
  WITH THE PRIMARY COTNRACTOR WHO WILL ASSUME LIABILITY FOR ALL WORK
  PERFORMED BY THE SUB-CONTRACTOR. THE AWARDED CONTRACTOR WILL BE
  SOLELY RESPONSIBLE FOR IDENTIFYING ANY SUB-CONTRACTOR USED ON THE JOB.

IN A JOINT VENTURE, BOTH THE CONTRACTOR AND SUB-CONTRCATOR MUST HAVE THE APPROPRIATE LICENSING AND CERTIFICATION.

EACH CONTRACTOR MUST INDICATE THEIR ABILITY TO SECURE THE NECESSARY INSURANCE. CONTRACTOR MUST PROVIDE CURRENT COPY OF INSURANCES PRIOR TO STARTING WORK.

The County of Riverside has adopted a Local Preference Program for those bidders located within the County of Riverside. A five (5) percent price preference may be applied to the total bid amount during the evaluation of the bid response.

# 5. PERMIT LIMITATIONS AND DEMOLITION REQUIREMENTS

By authority contained in Section 303.4 of the Uniform Administrative Code under Riverside County Ordinance 457, every demolition permit issued shall have an implied time limitation of 45 days. All work pertinent to demolition prescribed by Riverside County Ordinances 457 and 348 shall be fulfilled within this allocated time interval.

<u>DESCRIPTION, SCOPE, AND NATURE OF WORK RELEVANT TO EACH PARTICULAR</u> DEMOLITION SITE IS AS FOLLOWS:

- 1. Completely demolish each structure.
- 2. Remove foundations.
- 3. Remove all debris and residue
- 4. Dispose of debris and trash created during the demolition process by transporting to an approved land fill
- 5. Cap sewer within five (5) feet of the property line.
- 6. Obligation and responsibility for determining the location of any or all abandoned wells, shafts, openings, septic tanks, cesspools, basements, pits or other like hazards lies with the property owner or contractor. All such hazards shall be abated as per Section 722.0, Uniform Plumbing Code, or by methods approved by the Building Official.
- 7. Burying, covering, or otherwise discarding of debris on the demolition site is a violation of Riverside County Ordinance 348.
- 8. In instances regarding excavation and removal of service station storage tanks, or other excavations such as swimming pools where substantial backfill is involved, a compaction report by an approved agency shall be filed with the Building Department.
- 9. Notify all utility companies to remove and/or disconnect all utilities to the structure including all buried pipes, wires, and conduits).
- 10. Two Inspections Shall Be Called For:
  - a. At the time of abatement of all hazards specified under Instruction No. 6, the operation is to be verified by a Building Inspector.
  - b. Smooth and level site, and call for final inspection.
- 11. Obtain an Asbestos Clearance from an approved consultant prior to demolition.

# 6. **OTHER INFORMATION**:

- a. All items or materials removed from the property by the Contractor, his employees or representatives shall be destroyed unless salvaged.
- b.
- c. All salvaged items shall be itemized in a list presented to the County. The value of the salvaged items shall offset the cost charged to the County for the abatement
- d. In the event the offset amount exceeds the cost charged to the County for abatement, the difference shall be refunded to the County to be credited to the property.
- e. If applicable, Contractor must have C-21 License-Building Moving/Demolition Contractor. Sections Cited: 7008 and 7059, Reference: Sections 7058 and 7059 (Business & Professional Code).
- f. If applicable, Contractors must comply with Waste Tire Hauler Regulation and Public Resource Code Section 42954 and IWMB. Contractor must provide a copy of the TPID number to TLMA Purchasing before work can begin. Copies of dump receipts will be required at the end of the job and must be attached to the invoice when submitting for payment.
- g. Hazardous Material: Contractor must provide a copy of their Hazardous material handling license to TLMA Purchasing before work begins. Contractors must comply with Hazardous Material Regulations. Copies of dump receipts will be required at the end of the job and must be attached to the invoice when submitting for payment.

- h. Dust Control: If applicable, dust control must comply with Riverside County Ordinance 742. For the Coachella Valley, dust control mitigation must be in accordance with CVAG PM10 handbook.\_BMP's for any construction project are applicable for demolition.
- i. At the completion of the job the Contractor will be responsible for completing the attached (Exhibit B) form and is responsible for obtaining the signature of a Code Enforcement officer who will verify that the job has been completed to the satisfaction of the County of Riverside and to the Scope of Work outlined in the Request for Quote. A copy of this completed form MUST be attached to your invoice when you submit for payment.

#### 7. PREVAILING WAGE:

Pursuant to the labor code, the governing board of the owner has obtained from the director of the Department of Industrial Relations, State of California, his/her determination of general prevailing rates of per diem wages applicable to the work, and for holiday and overtime work, including employer payments for health and welfare, pension, vacation, and similar purposes, as set forth on the schedule which is on file at the principal office of the Owner, and which will be made available to any interested person upon request.

- A. Contractor's Requirements: The <u>awarded Contractor</u> will be required to pay their employees the general prevailing rate of wages for each craft or type of workman or mechanic needed to execute the contract, and must adhere to the following:
  - a. Contractor and/or Sub-contractors must possess the proper Contractors license issued by the State of California for each craft or type of workman or mechanic needed to execute the contract.
  - b. Upon request, provide the Purchasing Department a certificate of liability insurance form listing "the County of Riverside" as additional insured and proof of Worker's Compensation Insurance for his employees.
  - c. Pay his/her employees the general prevailing rate of wages for each craft or type of workman or mechanic needed to execute the contract.
  - d. Submit certified payroll per form DLSE Form A-1-131 available at: <a href="http://www.dir.ca.gov/dlse/DLSEFormA-1-131.pdf">http://www.dir.ca.gov/dlse/DLSEFormA-1-131.pdf</a> (See attached Exhibit A- Public Works Payroll Reporting Form and Notice to Public Entity)

# 5.0 METHOD OF AWARD

The project will be awarded based on the lowest total cost to the County and overall responsiveness and general understanding of RFQ requirements.

All responses must be received by August 10th, 2011 by 1:30 PM, at the following address:

COUNTY OF RIVERSIDE-TLMA PURCHASING 4080 Lemon Street, 14<sup>th</sup> Floor Riverside, CA 92502

Please complete and return pages 3, 10 and 11 of this bid packet. Faxed bids will be accepted and must be received by the deadline.

Late bids will not be accepted.

Pids can be faved to 051 055 1850 attention Chapters M. Naire.

Bids can be faxed to 951-955-1859, attention Charlene McNair.

### 6.0 EVALUATION PROCESS

All quotations will be given thorough review. All contacts during the review selection phase will be only through the TLMA Purchasing Department. Attempts by the BIDDER to contact any other County representative may result in disqualification of the BIDDER.

# 7.0 CANCELLATION OF PROCUREMENT PROCESS

The County may cancel the procurement process at any time. All quotations become the property of the County. All information submitted in the quotation becomes "public record" as defined by the State of California upon completion of the procurement process. If any proprietary information is contained in or attached to the quote, it must be clearly identified by the BIDDER, otherwise the BIDDER agrees that any and all documents provided may be released to the public after bid award.

The County reserves the right to withdraw the Request for Quote (RFQ), to reject a specific quote for noncompliance within the RFQ provisions, or not award a bid at any time because of unforeseen circumstances or if it is determined to be in the best interest of the County.

# 8.0 COMPENSATION

The COUNTY shall pay the AWARDED BIDDER for equipment and services performed, after the equipment are installed and tested to the satisfaction of the COUNTY. Expenses incurred and compensation shall be paid in accordance with an invoice submitted to COUNTY by AWARDED BIDDER. The COUNTY shall pay the acceptable invoice within thirty (30) working days from the date of receipt of the invoice, or the goods/services are received, whichever is later.

# 9.0 SCOPE OF WORK

Contractor to secure appropriate permits and provide all labor and equipment to demolish and dispose of a substandard structure, including all hazardous materials, demolition debris, asbestos (see attached report) and personal items from the property located below:

Property Address/Location: 53610 Marian View Drive, Idyllwild, CA

APN: 561-122-020

Case No: CV10-02264

MANDATORY JOB WALK: August 8<sup>th</sup>, 2011 @ 9:00 AM MEETING LOCATION: 53610 MARIAN VIEW DRIVE, IDYLLWILD, CA Thomas Guide 844 B-1

IF YOU DO NOT ATTEND THE MANDATORY JOB WALK, YOU CANNOT SUBMIT A BID

# APPENDIX A

# COST PROPOSAL

PROPERTY ADDRESS	<b>SERVICE</b>	
53610 Marian View Drive Idyllwild, CA APN: 561-122-020	Demolition of Structure(s)	
Case# CV10-02264	Removal/Disposal Of Asbestos (if applicable)	
	Removal/Disposal of Rubbish/Trash/Debris	
	Removal/Disposal Of Hazardous Waste (if applicable)	
	Removal/Disposal	
	Of Tires (if applicable)	
	Other (if applicable)	
	TOTAL:	,
	TOTAL.	***************************************
NOTE: Mark N/A if non-applic	eable, and INCLUDED for items include	ded in the total cost.
COMPANY NAME:		DATE:
***	(Print)	
REPRESENTATIVE:	SIGNATURE: SIGNATURE:	
(1)	Print Name)	
PROMPT PAYMENT DISCOUN	IT:	
Bid must be complete and signed	by the company's Authorized Agent.	
Form # 116-100RFQ Revision 4/01/08		

Request for Quote #44-220A-2011 Closing Date: August 10<sup>th</sup>, 2011 @

#### **Local Business Qualification Affidavit**

The County of Riverside Local Business Preference may be applied to this Request for Proposal/Quotation. If you qualify for this preference, please submit this form along with your response to this RFP/Q.

#### **Definition of Local Business**

A local business shall mean business firms with fixed offices located within the geographical boundaries of Riverside County, authorized to perform business within the County, and in doing so, credit all sales tax from sales generated within Riverside County to the County, and who provide product or perform contracted work using employees, of whom the majority are physically located in said local offices.

Local businesses" shall have a Riverside County business street address. Post office box numbers, residential addresses or un-staffed sales offices shall not suffice to establish status as a "local business". To qualify as a "local business" the location must be open and staffed during normal business hours and the business must establish proof that it has been located and doing business in Riverside County for at least (6) six months preceding its certification to the County as a local business.

Additional supporting documentation that may be requested by the County to verify qualification includes:

- A copy of their current BOE 531-A and/or BOE 530-C form (State, Local & District Sales and Use Tax Return Form). This is what businesses submit to the State Board of Equalization when paying the sales tax to the State of California indicating the amount of the payment to be credited to each jurisdiction (i.e. Countles, Cities).
- 2. A current business license if required for the political jurisdiction the business is located in.
- Proof of the current business address. The local business needs to be operating from a functional office
  that is staffed with the company's employees, during normal business hours.

Business Name:			in the second se	
Physical Address:				Bern George
Phone:		FAX:	E-Mail:	1
ength of time at this	location:	Numl	per of Company Employees	at this address:
f less than 6 month, li Liverside County loca				
Business License # (w	here applicable):	Jurisdict	ion	
ours of Operation:				- And the state of
rimary function of t	nis location (i.e., sale	es, distribution, produc	ction, corporate, etc):	
		**************************************	and the second s	

Form # 116-260 Rev 8/04

County.

# EXHIBIT A

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# EXHIBIT A (continued)

# NOTICE TO PUBLIC ENTITY

For Privacy Considerations

Fold back along dotted line prior to copying for release to general public (private persons).
(Paper Size then 8-1/2 x II inches)
•
I,, the undersigned, am the (Name-print)
with the authority to act for and on behalf of
(Position in business)
certify under penalty of perjury
(Name of business and/or contractor)
that the records or copies thereof submitted and consisting of (Description, number of pages)
• •
are the originals or true, full, and correct copies of the originals which depict the payroll record(s)
of the actual disbursements by way of cash, check, or whatever form to the individual or
individuals named.
Date: Signature:

A public entity may require a stricter and/or more extensive form of certification.

# EXHIBIT B

# ABATEMENT/DEMOLITION COMPLETION

Date of Completion	
Address of Property:	
Case Number:	. * .
APN Number:	
Purchase Order No.:	
Contractor Name and Address:	
The above property was abated of Riverside Code Enforcement according to the scope of work, a Quote by the above Contractor.	Department, and performed
Contractor's Name (Pr	int)
Contractor's Signatur	re Date
Code Enforcement Officer Na	me (Print)
Code Enforcement Officer Signa	ture Date

# **AQMD ASBESTOS SURVEY**

For:

County of Riverside Code Enforcement Department

Case #CV10-02264

APN 561122020-5

53610 Marian View Drive, Idyllwild, California 92549

By:

County of Riverside Department of Public Health
Office of Industrial Hygiene
April 18, 2011

# **Summary:**

A total of six (6) bulk suspect asbestos-containing materials (ACMs) were taken for analysis. The bulk building samples were collected from the roofing and the exterior siding materials of the residential structure. Chrysotile type asbestos (15% - 20%) was detected in the bulk building material samples collected from the exterior siding shingles (transite). Asbestos was not detected in the roof samples. Interior building materials were primarily wood and concrete (floor); no suspect asbestos-containing materials (ACMs) were identified for sampling inside the residential structure. Sampling locations are illustrated in Diagram 1.

See "CONCLUSION" for required actions by the owner and/or responsible party.

# TITLE PAGE

	•
Reference Number:	96817
Date of Report:	April 18, 2011
Date of Field Evaluation:	April 11, 2010
Individual Requesting Evaluation:	Officer Carol Forrey Code Enforcement Officer III District 3 39493 Los Alamos Rd Murrieta, CA 92563 (951) 600-6140 phone
Survey Site:	APN 561122020-5 53610 Marian View Dr. Idyllwild, California 92549
Principal Investigator:	Monica M. Oscarson, MPH, CIH, CAC Industrial Hygienist Department of Public Health (951) 440-0653 cell Certified Asbestos Consultant DOSH # 94-1363  Monica M. Oscarson, MPH, CIH Steven Hinde, REHS, CIH
	Senior Industrial Hygienist Department of Public Health 3900 Sherman Drive, Suite G Riverside, California 92503 (951) 358-5096 Certified Asbestos Consultant DOSH # 94-1352

Steven Hinde, REHS, CIH

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Appendix A: Site Diagrams:

1. Bulk Sample Locations

2. Asbestos Requiring Abatement

Appendix B: Photographs

Appendix C: Lab Reports

# 1.0 Purpose of Survey:

To evaluate the possible sources of ACM in the accessible areas of the above mentioned structures in accordance with AQMD Rule 1403 prior to renovation or demolition.

# 2.0 Sampling Methodology:

# 2.1 Quantity of Samples:

For friable materials the provisions of 40 CFR 763.107 are followed (minimum of 3 samples for suspected friable building materials).

For nonfriable materials [tile, roofing products, vinyl floor coverings, transite sheeting and pipe (may be assumed to be ACM), sheet rock, stucco, etc.] sufficient number of samples based on industrial hygienist experience and judgment shall be taken to determine presence of asbestos. Frequently, one sample may be sufficient for each building material type. If nonfriable floor tile contains no asbestos, then mastic will not be analyzed unless project requires partial demolition.

# 2.2 Gathering Suspected Asbestos-containing materials:

First, the suspected material is wetted with water to minimize the possible fiber release. Tools are then used to free the suspect material from its substrate. The material is then placed in its own sample bag and labeled with a unique number ("Client's Sample Number"). The samples are then transported to the lab for analysis.

# 3.0 Analysis:

Asbestos bulk analysis using dispersion staining and polarized light microscopy (PLM). The methodology used is EPA 600/R-93/116. QuanTEM at 2033 Heritage Drive, Oklahoma City, OK is a National Voluntary Laboratory Accreditation Program (NVLAP) accredited laboratory (Lab Code 101959-0).

# 4.0 Findings:

Asbestos is present in the exterior siding shingles, commonly referred to as transite. Photograph 1 is a view of the red asbestos-containing exterior siding shingles. The white painted shingles are also asbestos-containing. No other asbestos-containing materials (ACMs) were identified at the site.

Bulk sample locations are represented on Diagram 1, Bulk Sample Locations.

Asbestos requiring abatement is represented on Diagram 2, ACM to be Abated.

Table 1 lists the samples that contain asbestos (greater than 1%). The table provides the sample number, diagram number depicting location of the sample, description of the sampled material and percentage of asbestos present.

# 5.0 Table 1. Asbestos-Containing Materials (ACMs)

List of Samples that Contain Asbestos (1% or greater)

Total Nonfriable Class I: Approximately 1,000 square feet

Sample Number	Description	Diagram Number	% Asbestos
1	Transite Shingles – Exterior Siding (Painted White)	1	15 % Chrysotile
2	Transite Shingles – Exterior Siding (Painted Red)	1	20 % Chrysotile

The samples listed above were intact at the time of the inspection, but may become friable during renovation or demolition.

# 6.0 Discussion Concerning Inaccessible Areas:

An inspection was made of all accessible areas on the site. Based on the materials present at the site, it is possible that additional asbestos-containing materials (ACMs) may be found upon demolition. The demolition contractor should be made aware of the possible presence of buried asbestos-containing pipes (transite).

An area is considered accessible if it can be fully explored. If the inspector feels it is unsafe to enter an area, or if size considerations restrict entry, the area is considered inaccessible. Speculations on whether an area might contain asbestos are based on the inspector's knowledge and experience.

#### 7.0 Conclusion:

Asbestos-containing materials (ACMs) are present in the exterior siding shingles (transite) of the residential structure. There is approximately a total of 1,000 sq. ft. of Class I non-friable asbestos-containing materials (ACMs). Class I nonfriable asbestos-containing material is material containing more than one percent (1%) asbestos as determined by SCAQMD Rule 1403 paragraph (h)(2), and that, when dry, can be broken, crumbled, pulverized, or reduced to powder in the course of demolition or renovation activities. Actions which may cause material to be broken, crumbled, pulverized, or reduced to powder include physical wear and disturbance by mechanical force, such as, but not limited to, sanding, sandblasting, cutting or abrading, improper handling or removal or leaching of matrix binders. Class I nonfriable asbestos-containing material includes, but is not limited to, fractured or crushed asbestos cement products, transite materials, mastic, roofing felts, roofing tiles, cement water pipes and resilient floor covering.

- 1. Have your demolition contractor fill out an SCAQMD notification form completely. The information in Table #1 concerning square footage and friability of ACM will assist your contractor in filling out the form.
- 2. A registered asbestos abatement contractor, using EPA accredited personnel, should conduct abatement activities. ACM must be abated in accordance with and SCAQMD Rule 1403 and Cal OSHA Title 8 Section 1529.
- 3. You must maintain a copy of all survey-related documents and asbestos notification to SCAQMD for at least three years {Rule 1403 (g) record keeping}. Cal OSHA recordkeeping requirements are described in Title 8 Section 1529 (r).

Note: If in the course of renovation, additional ACM is identified (e.g., discovered in inaccessible areas) renovation must cease. The ACM must be kept wet. Demolition activities may continue only after an asbestos abatement contractor has removed the ACM.

# APPENDIX A SITE DIAGRAMS: SAMPLE LOCATIONS & ACM TO BE ABATED

Diagram 1. Bulk suspect asbestos-containing material (ACM) samples. Sample numbers correspond to laboratory analytical reports.

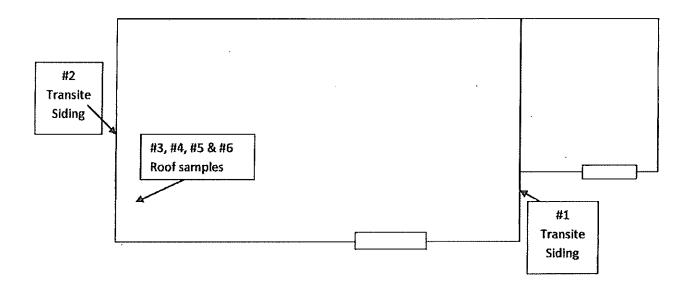
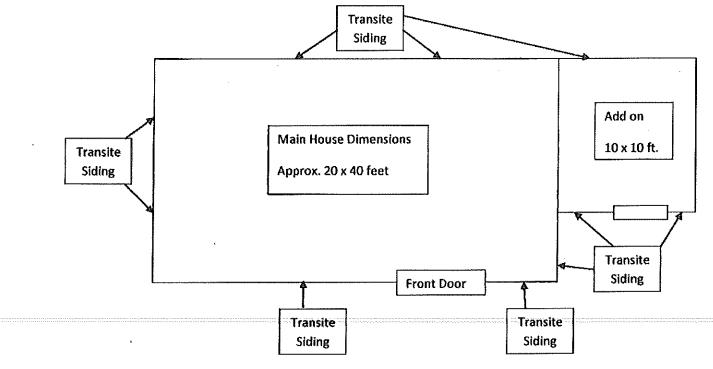
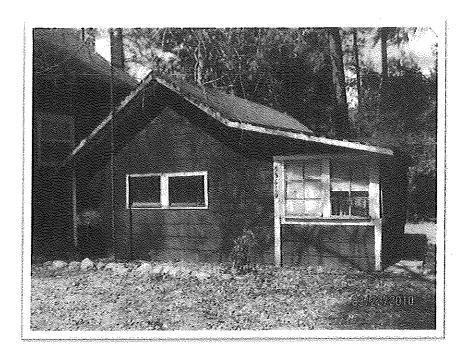


Diagram 2. ACM to be Abated.

Transite (asbestos) siding on house requires abatement = 1,000 sq. ft.



# APPENDIX B SITE PHOTOGRAPHS



Photograph 1. Asbestos-containing exterior siding shingles (transite)

# APPENDIX C LABORATORY ANALYTICAL RESULTS



2033 Heritage Park Drive / Oklahomu City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

County of Riverside Dept. of Health-Industrial Hygiene. 4065 County Circle Riverside, CA 92503

Re: QuanTEM ID 194072

QuanTEM appreciates the opportunity to provide analytical testing services to you. Attached are your reports and other supporting documentation for the above referenced project.

Thank you for making QuanTEM your lab of choice. If you have any question concerning this or other reports please feel free to contact us at 800-822-1650.

We continually work to improve our service. Help us out by providing feed back on your experience at www.QuanTEM.com. Click on Service Survey and fill out the form. We look forward to hearing from you.

Respectfully, QuanTEM Laboratories, LLC.







2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

# Polarized Light Microscopy Asbestos Analysis Report

Client:

QuanTEM Lab No. 194072

Account Number:

A374

Date Received:

04/14/2011

Received By:

Barbara Holder

Date Analyzed:

04/15/2011

Analyzed By: Methodology: Sandy Baker

Project:

Project Location: .

EPA/600/R-93/116

Dept. of Health-Industrial Hygiene.

4065 County Circle

County of Riverside

Riverside, CA 92503

CV-1002264

53610 Marian View Dr.

Project Number: OIH# 96817

QuanTEM Sample ID	Client Sample ID	Composition	Color / Description	Asbestos (%)		Non-Asbesto Fiber (%)	s	Non Fibrous
001	#1	Homogeneous	Gray Transite	Asbestos Present Chrysotile	15	NA	,,	Quartz CaCO3
002	#2	Homogeneous	Gray Transite	Asbestos Present Chrysotile 2	20	NA.		Quartz CaCO3 Paint
003	#3	Homogeneous	Green Shingle	Asbestos Not Present		Cellulose	30	Quartz Tar
004	#4	Homogeneous	Brown Shingle	Asbestos Not Present		Glass Fiber	25	Quartz Tar
005	#5	Homogeneous	Black Shingle	Asbestos Not Present		Glass Fiber	25	Quartz Tar
006	#6	Homogeneous	Black Tar Paper	Asbestos Not Present		Cellulose	30	Tar

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

QuanTEM is a NVLAP accredited TEM and PLM laboratory (Lab Code: 101959-0). This report relates only to the specific items tested. NVLAP accreditation applies only to analysis performed utilizing EPA/600/M4-82-020 and EPA/600/R-93/116 methods. This report may not be used to claim product endorsement by NVLAP or any other agency of the US Government. This report may not be reproduced except in full, without the written approval of the laboratory.



2033 Heritage Park Drive / Oklahoma City, OK 73120 / (405) 755-7272 / Fax (405) 755-2058

# Polarized Light Microscopy Asbestos Analysis Report

QuanTEM Lab No. 194072

Account Number: A374

Date Received:

04/14/2011

Received By:

Barbara Holder

Date Analyzed:

04/15/2011

Analyzed By:

Sandy Baker

Methodology:

QuanTEM Sample ID EPA/600/R-93/116

...

Sample ID

Client

Composition

Color /

Description

Project:

Client:

County of Riverside

Dept. of Health-Industrial Hygiene.

4065 County Circle

Riverside, CA 92503

CV-1002264

Project Location: 53

Ashestos (%)

53610 Marian View Dr.

Project Number: OIH# 96817

Non-Asbestos

Non Fibrous

Fiber (%)

Sandy Baker, Analyst Date of Report



# **ASBESTOS CHAIN OF CUSTODY**

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only. Lab No.

LEGAL DOCUMENT - PLEASE PRINT LEGIBLY

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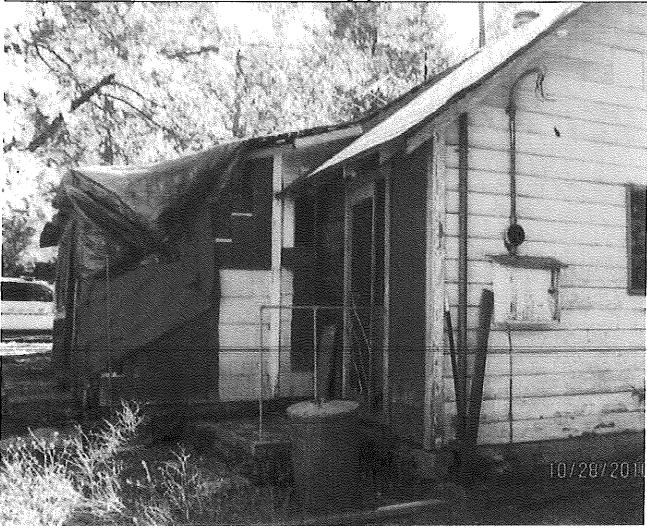
SATURDAY SAMPLE DELIVERY - CALL TO SCHEDULE . 0 Use this address for Saturday Delivery only: 4220 N. Santa Fe Ave., Oklahoma City, OK 73105-8517 . Mark Package "Hold for Saturday Pickup"

o,

# Code Enforcement Case: CV1002264

Printed on: 05/17/2011

Photographs



CForrey / Building is still substandard - 10/28/2010