



Mark A. Steenbergh, Mayor

Purchasing Division
Office of the Controller
One City Square, 4th Floor
Warren, Mi 48093-5289

Vincent Mikiel, Buyer
586-574-4675

INVITATION TO BID

ITB-W-7591

OCTOBER 5, 2007

SEALED BID PROPOSALS FOR **DEMOLITION SERVICES ONE STORY HOUSE, CONCRETE SLAB, TREES AND VEGETATION** FOR THE CITY OF WARREN COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM (CDBG) ARE BEING ACCEPTED.

SEALED BIDS MUST BE **DELIVERED TO THE**

*** NOTE NEW ADDRESS *****

SEE ATTACHED DIRECTIONS & MAP

DIVISION OF PURCHASING,

CITY OF WARREN,

ONE CITY SQUARE, 4TH FLOOR

WARREN, MI 48093-5289,

ON OR BEFORE 12:30 PM, October 24, 2007

BIDS RECEIVED AFTER 12:30 PM OF THE DATE THEY ARE DUE WILL NOT BE ACCEPTED OR WILL BE MARKED LATE, AND RETAINED UNOPENED.

BIDS WILL BE TRANSPORTED OVER TO THE CITY COUNCIL CHAMBERS, AUDITORIUM, WARREN COMMUNITY CENTER, 5460 ARDEN, WARREN, MI, AFTER THE PURCHASING DEPARTMENT HAS REGISTERED AND SORTED THE BIDS. THEY WILL BE OPENED AT 1:00 PM.

ADDENDA, CLARIFICATIONS AND CHANGES TO THE BID DOCUMENTS MUST BE OBTAINED ON LINE BY REGISTERING (FREE REGISTRATION AVAILABLE) FOR THE MITN SYSTEM AS FOLLOWS: 1) GO TO WWW.MITN.INFO SELECT THE MICHIGAN MITN SYSTEM (MITN), 2) SELECT VENDOR REGISTRATION AT THE TOP OF THE PAGE, 3) REVIEW THE VENDOR REGISTRATION OPTIONS THAT ARE AVAILABL TO VENDORS, AND THEN 4) SELECT VENDOR REGISTRATION AT THE BOTTOM OF THE PAGE TO REGISTER. BID TABULATIONS WILL BE POSTED ON MITN.

YOU SHOULD REGISTER FOR COMMODITY CODES 91240 - DEMOLITION

THE CITY OF WARREN RESERVES THE RIGHT TO ACCEPT OR REJECT ANY AND ALL BIDS AND TO WAIVE ANY AND ALL IRREGULARITIES OR SPLIT AWARD BY ITEMS UNLESS OTHERWISE STIPULATED AND TO ACCEPT THE BID WHICH WILL SERVE ITS INTEREST.

ADDITIONAL INFORMATION REGARDING THIS BID OR ANY QUESTIONS CAN BE ANSWERED BY CONTACTING THE BUYER, VINCENT MIKIEL OF THE CITY OF WARREN PURCHASING DIVISION PREFERABLY BY E-MAIL, vmikiel@cityofwarren.org , Subject: ITB-W-7591.

Sincerely,
Vincent Mikiel
Buyer

BID PROPOSAL

The undersigned proposes to completely remove house and all its contents. Remove concrete foundation (cinder blocks), footings, driveway, 2 cement porches, steps and all service walks. Remove all vegetation in front and rear yard and brush, bushes, shrubs and small trees that are along the fence lines (do not need to cut trees that are growing in fence, but trim branches, etc. up to the fence). Remove two (2) medium size trees toward the back of the rear yard (one is approximately 12" in diameter and the other is approximately 18" in diameter). **at 11312 Fisher** in accordance with the attached specification requirements to be considered an integral part of this proposal, for the Warren CDBG at the following price:

DEMOLITION OF STRUCTURE(S) PER SPECIFICATION AT THE FOLLOWING ADDRESS:

ITEM	LOCATION	COMPLETE FOR THE SUM OF
1	11312 Fisher– Per Appendix A, all items	\$

The undersigned has carefully checked the bid figures and understands that he shall be responsible for any error of omission in this bid offer and is in receipt of all addenda as issued.

Signature of _____ **DATE** _____
Authorized Company Representative

(Print name of Signature) COMPANY NAME _____

ADDRESS CITY STATE ZIP CODE

TELEPHONE NUMBER FAX NUMBER E-MAIL ADDRESS

WARRANTY (If Applicable) **BID PAYMENT TERMS** (BLANK WILL BE CONSIDERED NET 30)

EXCEPTIONS: Where an exception to any specification is taken, such exception shall be clearly indicated below and along with the specifications attached hereto, shall be considered an integral part of this bid proposal.

IT IS MANDATORY OF ALL BIDDERS TO RETURN THIS SHEET FULLY COMPLETED INCLUDING SIGNATURE OF AUTHORIZED COMPANY REPRESENTATIVE WITH THEIR SEALED BID.

INSURANCE

The awarded bidder will be required to provide the City with certificates of insurance naming the, City of Warren, City of Warren Municipal Building Authority, the 37th District Court, all elected appointed officials, employees and volunteers as individuals acting within the scope of their authority, AS AN ADDITIONAL INSURED; and providing the following coverage and limits. Sub-contractors utilized by the awarded bidder shall be subject to these same conditions:

COMMERCIAL GENERAL LIABILITY:

The following coverage is part of the General Liability policy:

Policy should be on an **OCCURRENCE BASIS WITH COMBINED SINGLE LIMITS.**

General Aggregate	\$2,000,000
Products/Completed Operations Aggregate	\$1,000,000
Personal & Advertising Injury	\$1,000,000
Each Occurrence	\$1,000,000
Fire Damage-Any one fire	\$ 50,000
Medical Expense-Any one person	\$ 5,000
Per project aggregate limit, Independent contractors coverage, Broad form property damage	
Blanket contractual liability coverage	

AUTOMOBILE LIABILITY: Automobile liability insurance coverage shall be \$1,000,000 combined single limit for any auto and include hired autos and non-owned autos.

WORKERS' COMPENSATION INSURANCE:

Workers' compensation insurance shall be statutory under the State of Michigan Workers' Compensation Act.

UMBRELLA LIABILITY POLICY: Umbrella liability shall be \$2,000,000 and be "following form".

Insurance certificates shall contain a provision to the effect that the insurance company **SHALL NOTIFY** the City at least **thirty (30)** days prior to **CANCELLATION OR MATERIAL CHANGE** of the insurance (SEE SAMPLE CERTIFICATE).

- () Can meet insurance as indicated.
- () Cannot meet but offer the following: _____

INDEMNITY CLAUSE

To the fullest extent permitted by law, Contractor expressly agrees to indemnify and hold City harmless against all losses and liabilities arising out of bodily injury or property damages based upon any act or omission, negligent or otherwise, of Contractor or anyone acting on contractor's behalf in connection with or incident to this Contract or the work to be performed hereunder, except that contractor shall not be responsible to indemnify the City for losses or damages caused by or resulting from the City's sole negligence.

For the purposes of this indemnity clause, "City" shall mean the City, its elected and appointed officials, employees, and volunteers working on behalf of the City; "losses and liabilities" shall mean loss, cost, expense, damage, liability or claims, whether groundless or not; "personal injury" shall mean false arrest, erroneous service of civil papers, false imprisonment, malicious prosecution, assault and battery, libel, slander, defamation of character, discrimination, mental anguish, wrongful entry or eviction, violation of property or deprivation of rights, privileges or immunities secured by the constitution and laws of the United States of America or the State of Michigan, for which Vendor may be held liable to the injured party in any action at law, suit in equity or other proceedings for redress; "bodily injury: shall mean bodily injury, sickness or disease (including death resulting at any time there from) mental anguish and mental injury which may be sustained or claimed by any person or persons; and "property damage" shall mean the damage or destruction of any property, including the loss of use thereof.

The contractor's obligation to indemnify and hold the City harmless shall include, but not be limited to (1) the obligation to defend the City from any such suit, action or proceeding, and (2) the obligation to pay any and all judgments which may be recovered in any such suit, action or proceeding, and/or any and all expenses, including but not limited to costs, attorney fees and settlement expenses which may be incurred.

Authorized signature for _____
Insurance and Indemnity clause

AWARD CLAUSE:

The evaluation factors and award of the bids shall be based upon a combination of factors, including but not limited to bid price, adherence to specifications, references and any other factors that may be in the City of Warren's best interest. The City reserves the right to reject low bids which have major deviations from our specification; to accept a higher bid which has only minor deviations.

Authorized signature for _____
Award Clause

PRICE CLAUSE:

The City of Warren requests that prices be held firm for 90 days or bid award, whichever comes first except for the successful bidder whose prices shall be held firm for the entire contract period.

Authorized signature for _____
Price Clause

INSPECTION CLAUSE

All bidders will be held liable to have visited the work site(s) and familiarize themselves with the nature of the work and conditions under which the work will be performed. No extras will be allowed for failure to inspect or to account for working conditions.

Authorized signature for _____
Inspection Clause

REFERENCES:

Please list the municipalities/companies for which your company has provided similar products or services.

1. Agency: _____ Year _____
Address _____
Contact Name: _____ Phone _____

2. Agency: _____ Year _____
Address _____
Contact Name: _____ Phone _____

3. Agency: _____ Year _____
Address _____
Contact Name: _____ Phone _____

COMPLETION AND DELIVERY:

Please indicate the length in time to complete service from date of work request.

_____ Number of days to complete work from date of request.

Authorized signature for _____
Completion Clause

**RESIDENTIAL PROPERTY CLEARANCE PROGRAM
GENERAL CONDITIONS**

General Conditions: The contractor must perform the work in compliance with the following conditions:

1. **Scope of Services:**

The Contractor agrees to perform in a good, workmanlike manner all of the services necessary for the demolition and site clearance of the residential property as described in the specifications.

2. **Material, Labor, and Equipment:**

The Contractor represents that it has, or shall secure, at its own expense, all personnel, materials, equipment, transportation, and tools required to perform the work and services described in the specifications. The Contractor further agrees that all persons performing services outlined in the specifications shall be authorized or permitted under Federal, State, and local law to perform such services.

3. **Insurance:**

All Contractors are required to provide the City with the required certificate of insurance within ten (10) business days after the request for insurance in compliance with the following:

See “Insurance” Clause in Bid Form, which is incorporated by reference and made apart of this agreement.

Contractor shall require each of its subcontractors to furnish and keep in effect during the life of its subcontract insurance at these same minimum limits.

4. **Codes, Permits, and Regulations:**

The Contractor shall obtain and pay for all permits and licenses and shall give all notices, pay all fees and comply with all laws, ordinances, rules and regulations of the City of Warren and State of Michigan, related to the completion of the clearance activity. This shall include obtaining a Building Wreckers License from the Office of the City of Warren Clerk. This requirement includes obtaining City and State licensing as necessary and a City of Warren Demolition Permit. This requirement also includes, but is not limited to, performing any service or work under this contract in accordance with the requirements set forth in the Warren Code of Ordinances, Section 9-416 through 9-455, the B.O.C.A. National Building Code and 1974 Public Act 53, as amended, in addition to the minimum requirements set forth in this agreement.

5. **Public Utilities and Sewer Line:**

The Contractor shall provide notice of the clearance to all utilities having service connections with the residential property and shall obtain the releases from all of the utilities stating that their respective service connections and appurtenant equipment have been removed or sealed and plugged in a safe manner.

The Contractor shall also cap the sanitary sewer line at the nearest exposure to public property and right-of-way using a 6" Fernco or regular clay cap for a 6" hub of pipe. Prior to the commencement of the backfill, the Contractor shall have the hole inspected by contacting Mr. Leo Biela, Program Inspector at (586) 574-4506 or at the following address:

Mr. Leo Biela
City of Warren
Community Redevelopment Program Inspector
Division of Building and Public Safety
One City Square, Ste. 305
Warren, Michigan 48093-2391

6. **Safety at Work Site and Cleanliness:**

The Contractor shall be solely and completely responsible for providing and maintaining safe conditions at the work site, including the safety of all persons and property during performance of the work. This requirement shall apply continuously and shall not be limited to normal working hours. The Contractor shall take all safety precautions as shall be necessary to prevent injury to persons and damage to property.

The Contractor shall also keep the work site and adjacent areas clean at all times during performance of the work and shall, upon completion of the work, leave the work site and adjacent areas in a clean and orderly condition.

7. **Safety and Protection:**

The Contractor shall take all necessary precautions to protect from loss or damage, all public and private property, which shall include, but is not limited to, structures, any adjacent property, fences, utilities, streets, sidewalks, driveways, trees, sod and shrubbery, and shall at its own expense, repair, replace or remedy any damage or loss to all property which results from the performance of work or from motor vehicles transporting materials or used in connection with the work under this contract.

The Contractor shall take all necessary precautions to ensure the safety of all persons at or about the work site, and shall comply with all applicable federal, state, and local safety laws to prevent accidents or injury, and shall be responsible for injuries to all persons.

8. **Indemnification:**

The Contractor shall indemnify and hold harmless the City of Warren and its officers, employees, boards and commissions from any and all claims, judgments, loss, costs or expenses for injuries to person or damage to property relating to or arising from the performance of the demolition activities.

9. **Grading Site:**

The Contractor shall bring in and grade sufficient fill to eliminate any low spots and must level fill dirt smooth and free of concrete, stones, lumps, and debris so as to allow future grass mowing to the satisfaction of the program inspector.

10. **Debris and Landfill Manifest:**

The Contractor shall remove all debris resulting from the demolition activity and any other debris included in the attached specification and shall assume responsibility for said debris upon commencing the demolition. This debris shall be disposed of in accordance with applicable local, state, and federal laws. The Contractor shall not bury any debris or rubble on the site. The Contractor must also furnish the owner with a manifest from the landfill used for debris disposal.

11. **Rodent Control:**

The Contractor shall provide full rodent control treatment prior to the actual clearance of each structure. Proof of rodent control must be furnished to the City of Warren.

12. **Liens and Inspections:**

Final payment will be made only after final inspection by the City of Warren and acceptance of all work performed. The Contractor shall furnish the City with a sworn statement, satisfactory release of liens or claims for liens by the Contractor, Subcontractor(s) (if any), laborers, and material suppliers. The City of Warren must be permitted to examine and inspect all clearance work at any time with reasonable notice. The Contractor agrees that the demolition and all services in connection with the demolition must be performed to the satisfaction of the City of Warren CDBG program inspector and that failure to do so shall constitute breach of the Contract, subject to immediate cancellation.

13. **Time Limits:**
The Contractor must satisfactorily complete work within thirty (30) calendar days after issuance of a "Proceed to Work Order" by the City.
14. **Form of Payment of Contract:**
Payment will be made to the Contractor as a lump sum after the requirements of Paragraph 12 above have been satisfied. The Contractor must submit an invoice to the City of Warren when the work passes final inspection. Normally, final payment will be disbursed thirty (30) days after the City of Warren receives a signed invoice from the Contractor with a sworn statement and waiver of liens, a manifest from the landfill used for debris disposal, and proof of rodent control.
15. **Termination:**
If the Contractor fails to complete the work within the time specified, or if the Contractor violates any of these conditions, the City of Warren shall have the right to declare the Contractor in default of its obligation. Any notice of default shall contain the reasons for the City's decision to declare the Contractor in default.
- If such default continues for an unreasonable length of time, the City, may terminate the Contract. Upon termination, the Contractor will be paid the pro rata portion for work performed, or the Contact Amount less all damages and costs incurred by the City for completing the work.
16. **Conflict Resolution; Arbitration:**
In the event of any dispute, the parties agree to submit such dispute to the CDBG Committee for resolution. The City of Warren through its Community Development Block Grant Committee shall, within a reasonable time, make decisions on all claims of the Contractor on all matters relating to the progress of the work, amounts, payments, and quantity or quality of work. The parties agree to abide by such decision, and the decision of the Committee shall be binding and final.
17. **Assignment of Contract:**
The Contractor may not assign this Contract for the completion of the clearance activity and may not subcontract any part of this work without the prior knowledge and written consent of the City.
18. **Nondiscrimination:**
During the performance of these activities, the Contractor agrees as follows:
- a. To not discriminate against any employee or applicant for employment because of race, religion, sex, national origin, age, height, weight, marital status, or handicap. The Contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices setting forth the provisions of this nondiscrimination clause.
 - b. To state in all solicitation or advertisements for employees placed by or on behalf of the Contractor that all qualified applicants will receive consideration for employment without regard to race, religion, color, sex, or national origin.
 - c. To cause the foregoing provisions to be inserted in all subcontracts for any work covered by this Contract so that such provisions will be binding upon each subcontractor, provided that the foregoing

provisions shall not apply to contracts or subcontracts for standard commercial supplies or raw materials.

- d. To comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations and relevant orders of the Secretary of Labor.
- e. To furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations any orders of the Secretary of Labor, pursuant thereto, and to permit access to its books, records, and accounts by the authorized representative of the City of Warren and The Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.
- f. In the event of the Contractor's noncompliance with the nondiscrimination clauses of these conditions or with any such rules, regulations or orders, this Contract may be canceled, terminated, or suspended in whole or in part and the Contractor may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965.

GENERAL INSTRUCTIONS FOR TREE AND STUMP REMOVAL**1. Qualifications:**

- a. Tree removal shall be limited to individuals, partnerships and corporations actively engaged in the field of arboriculture.
- b. All bidders must have in their possession or available to them the trucks, devices, log loaders, chippers, stump grinders, hand tools, aerial and other equipment and supplies which are necessary to perform the work as outlined in these specifications.

2. Safety Standards:

- a. All equipment to be used and all work to be performed must be in full compliance with the most current revision of American National Standards Institute Standard Z-133.1 (Safety Requirements for Pruning, Trimming, Repairing, Maintaining, Removing Trees and for Cutting Brush). These standards are made a part of this contract by this reference.
- b. The Contractor shall be solely responsible for pedestrian and vehicular safety and control within the work site and shall provide the necessary warning devices, barricades, and ground personnel needed to give safety, protection, and warning to persons and vehicular traffic within the area.
- c. Blocking of public streets shall not be permitted unless prior arrangements have been made with the City and the blocking is coordinated with the appropriate departments. Traffic control is the responsibility of the Contractor and shall be accomplished in conference with State, County and Local highway construction codes.

3. Discontinuance of Work:

Any practice obviously hazardous as determined by the City shall be immediately discontinued by the Contractor upon receipt of either written or oral notice to discontinue such practice.

4. Clean-up:

It shall be the responsibility of the Contractor to remove and dispose, in a proper and acceptable manner, all logs, brush, and debris resulting from the tree removal operations.

5. Tree and Stump Removal Specifications:

Trees shall be removed in accordance with accepted industry standards and procedures and in accordance with the following minimum requirements:

Extreme care shall be taken so as to prevent limbs, branches, and trunks from falling and creating damage to adjacent homes, driveways, sidewalks, streets and other property, both public and private.

Limbs and branches larger than four (4) inches in diameter shall be lowered to the ground through the use of ropes or other mechanical devices.

THE CONTRACTOR SHALL GRIND ALL STUMPS TO A MINIMUM OF EIGHT (8) INCHES BELOW GRADE AND REMOVE STUMP MULCH TO WITHIN FOUR (4) INCHES OF GRADE LEVEL.

trued to bind or obligate the City, except as set forth in its agreements with the Owner/Grantee.

GENERAL CONDITIONS

Bids and all information requested of the vendor shall be entered in the appropriate space on the enclosed form and signature page. Failure to do so may disqualify your offer.

Bids must be submitted by the date specified and at or prior to the time specified to be considered. Late bids, e-mail, telegraphic, or telephone bids will **NOT** be accepted.

Submit **ORIGINAL AND ONE (1) COPY** with a label on the **outside of the ENVELOPE STATING VENDORS NAME, COMMODITY OR SERVICE AND BID NUMBER**

An authorized officer or employee of the bidder shall sign all bids.

Vendor **changes or alterations to the bid documents including the specification may result in the bid being considered non-responsive** and/or the bidder being debarred. The only authorized vendor changes will be in the areas provided for the bidder's response including the "Exceptions" section of the bid proposal and on separate attached sheets provided by the vendor and clearly identified. If a change or alteration to the bid document is undetected, and the bidder is awarded the contract, the original terms, conditions, and specification in the authorized version of the bid document will be applicable during the terms of the contract.

Prices quoted shall be exclusive of any rebates due the City of Warren. Any rebates the City of Warren may be authorized should be shown as a separate line item and include expiration date.

Corrections and/or modifications received after the closing time specified will not be accepted.

All information shall be entered in ink or typewritten. Mistakes may be crossed out and corrections inserted before submission of your bid. The person signing the bid shall initial corrections in ink.

Time of delivery may be a consideration in the award.

All prices will be bid F.O.B. DESTINATION, INCLUDE ALL DELIVERY AND ANY ADDITIONAL CHARGES and remain in effect for at least 60 days unless otherwise specified.

Brand names and numbers, when used, are for reference to indicate the character or quality desired, unless specifically stated "No Substitutes".

Alternate items of the same quality will be considered, provided your offer clearly describes the article. Offers for alternate items shall state the brand and number, or level or quality. When the bidder does not state brand, or level of quality, it is understood the offer is exactly as specified.

Sample of articles, when required, shall be furnished free of cost, of any sort, to the City of Warren. Samples of articles selected may be retained for future comparison. Samples which are not destroyed by testing, or which are not retained for future comparison will be returned upon request at the vendor's expense.

If vendor **supplies tangible products only** to the City of Warren, **taxes** should **not** be included in your bid as the City of Warren is tax exempt.

The City's normal payment terms are 30 days in connection with cash discounts specified with this bid. Time will be computed from the date of complete delivery of supplies or equipment as specified, or from the date correct invoices are received in the Office of the City Controller, if the latter is later than the date of delivery. Prices will be considered as net if no cash discount is shown.

IMPORTANT: All City of Warren purchases require a **MATERIAL SAFETY DATA SHEET** where applicable, in compliance with the "MIOSHA "Right to know" law.

THE ABOVE GENERAL CONDITIONS ARE CONSIDERED IN FORCE UNLESS SPECIFICALLY ADDRESSED IN ANOTHER SECTION OF THE BID DOCUMENT.

Appendix A

SPECIFICATION FOR CLEARANCE OF RESIDENTIAL PROPERTY

LOCATION OF PROPERTYAddress: 11312 FisherParcel Identification Number: 13-34-478-002**OWNER OF PROPERTY**Name: City of Warren c/o Rosemarie FurlongOne City Square, Suite 315Warren, MI 48093-5283(586) 574-4686**REMOVAL / SPECIAL INSTRUCTIONS**

Completely remove house and all its contents. Remove concrete foundation (cinder blocks), footings, driveway, 2 cement porches, steps and all service walks. Remove all vegetation in front and rear yard and brush, bushes, shrubs and small trees that are along the fence lines (do not need to cut trees that are growing in fence, but trim branches, etc. up to the fence). Remove two (2) medium size trees toward the back of the rear yard (one is approximately 12" in diameter and the other is approximately 18" in diameter).

Please note that the home was found to have the following asbestos-containing material:

- Exterior siding (600 sq. ft.)
- Roof flashings (5-10 sq. ft.)
- Drywall joint compound (50 sq. ft.)

Only bids from qualified demolition contractors with experience demolishing single-family homes with asbestos containing materials will be considered (appropriate references must be included in the bid documents). The demolition contractor must comply with all State and Federal regulations applicable to the demolition of a single-family home with asbestos containing materials. A portion of the asbestos inspection report has been attached for your information (the entire report is available for review upon request).

The attached **General Conditions and General Instructions for Tree and Stump Removal** are part of this Specification and will be a part of any contract for clearance of this property. Contractors are to submit a lump sum amount which includes all items related to completion of the demolition as contained in the General Conditions and Instructions. **The successful bidder must secure a City of Warren demolition permit and identify it as a rehabilitation demolition. The City contact is Leo Biela (CDBG Inspector) at (586) 574-4506.**

PLEASE NOTE:**BE CERTAIN OF RODENT/PEST CONTROL BEFORE DEMOLITION.**

APPENDIX B

ASBESTO INSPECTION REPORT-LIMITED



Testing, Consulting & Management

P.O. Box 1249
Ann Arbor, MI 48106
(734) 997-0348 Ph
(734) 997-0349 Fax

September 19, 2007

DeAnna Herbolsheimer
Planning Department/Community Development
City of Warren
One City Square, Suite 315
Warren, MI 48089-5283

Project #1048

Asbestos Inspection Report-Limited

Sampling Date: September 5, 2007

Location: 11312 Fisher Ave., Warren, MI 48089

Owner: City of Warren

Inspector: Asim Khan, Michigan-Accredited Asbestos Inspector & Management Planner #A511

Area Inspected: Entire house

Methodology: Polarized Light Microscopy (PLM); EPA Method 600/R-93/116

Scope of Work

Conduct an Asbestos Inspection in accordance with applicable State and Federal regulations.¹ The Asbestos Inspection involves identifying and sampling suspect building materials, and submitting the samples for laboratory analysis. Results of laboratory analysis allow a determination to be made for each suspect building material, which must be considered asbestos-containing building materials (ACBM) if they contain greater than 1% asbestos. Materials with less than 1% asbestos are not considered to be ACBM.

In addition, for materials installed prior to 1981, the following building materials are to be considered presumed asbestos-containing materials (PACM) until proven otherwise:

- Thermal System Insulation (TSI): Includes boiler and pipe insulation, fittings, gaskets, etc.
- Surfacing Material (SM): Includes sprayed-on and/or troweled-on materials such as sprayed-on insulation, wall and ceiling plaster, etc.
- Vinyl & asphalt flooring & associated mastic

Property Description/Observations

Property is a small, single-family ranch home; built ca. 1950. The home is vacant and scheduled for demolition. See Attachment A for Floor Plan.

¹ 29 CFR 1910, 29 CFR 1926 (OSHA); 40CFR, Part 61, Subpart M (EPA); Michigan Public Act 154 of 1974 (MIOSHA)

Lead Mold Asbestos Air Quality Compliance

www.annarborenmvironmental.com

Asbestos Materials/Sampling Data

Samples of suspect building materials were collected and submitted to an accredited laboratory² for asbestos content analysis. A list of sampled building materials and laboratory results are summarized in Table 1 below. See Attachment A for sampling locations and Attachment B for laboratory report and chain of custody.

Table 1. Asbestos Building Material Sampling Results

Material #	Material Type	Location	ACBM? (Estimated quantity of ACBM)	Notes
1	Exterior Siding	Exterior	Yes (600 square feet)	20% asbestos
2	Tar Paper/Tape	Exterior-behind siding	No	
3	Underlayment	Exterior-behind siding	No	
4	Flooring-12" x 12" vinyl, white	Kitchen	No	
5	Flooring-vinyl, white/gray	Bathroom	No	Traces of mastic present on two samples were analyzed with no asbestos detected
6	Caulk-Interior	House interior	No	
7	Caulk-Exterior	Exterior	No	
8	Drywall/wallboard system	House interior	No	<1% asbestos in drywall/wallboard system
8A	Drywall joint compound	House interior	Yes (50 square feet)	2% asbestos in joint compound
9	Attic Insulation-Batt	Attic	No	45% cellulose; 40% fiberglass; 10% non-fibrous
10	Attic Insulation-Vermiculite	Attic & Utility Room (debris)	No	<1% winchite/richterite detected in sample
11	Window Glazing	Exterior-windows	No	
12	Roof shingles-Black	Exterior-Roof	No	
13	Roof shingles-Red	Exterior-Roof	No	
14	Roof Underlayment	Exterior-Roof	No	
15	Roof Flashings-asphalt	Exterior-Roof	Yes (5-10 square feet)	4% asbestos

² Environmental Hazards Services, LLC, Richmond, VA



Testing, Consulting & Management

P.O. Box 1249, Ann Arbor, MI 48106
(734) 997-0348 Ph (734) 997-0349 Fax

Regulations & Requirements

Asbestos-containing building materials (ACBM) that are considered friable, i.e. capable of being reduced to dust with hand pressure, must be properly removed prior to the commencement of a demolition activity that will disturb the material. In addition, Category I and Category II non-friable ACBM or PACM, such as asbestos-containing exterior siding or asphalt roof flashings, should also be removed prior to renovation or demolition if the material is sufficiently deteriorated and rendered friable, or if the demolition activity has the potential to render the material friable.

Asbestos-containing building materials (ACBM) should be removed by a licensed Asbestos Abatement Contractor, utilizing trained personnel, and disposed of properly.

Demolition work, as well as removal and disposal of any asbestos-containing debris, should be conducted by a licensed demolition firm with personnel trained in the proper handling and disposal of asbestos-containing materials.

Findings/Conclusions

Laboratory analysis confirmed that the following sampled building materials sampled were found to be asbestos-containing:

- Exterior siding (Category II non-friable)
- Drywall joint compound (Friable)
- Roof flashings-asphalt (Category I non-friable)

The only friable asbestos-containing material identified was drywall joint compound, though it should be noted that the overall drywall/wallboard system (including the joint compound) was found to contain <1% asbestos. Category I non-friable ACBM identified, i.e. asphalt roof flashings, were not observed to be deteriorated or rendered friable. Category II non-friable ACBM, i.e. asbestos siding, was also intact and not sufficiently deteriorated as to be considered friable.

No other building materials were identified as asbestos-containing. It should be noted that a trace (<1%) of winchite/richterite² was identified in the vermiculite attic insulation.

Limitations

This investigation was conducted in accordance with the limitations described in the body of the report and did not include hidden or inaccessible areas. No representation is made that all hazards or potential hazards have been identified, or that the property is in compliance with any environmental regulations.

It has been a pleasure assisting you with your environmental consulting needs.

Please call with any questions or concerns.

Sincerely,



Asim Khan, Principal
Ann Arbor Environmental Services, LLC

Michigan Accredited Asbestos Inspector/Management Planner #A511

² This material is not asbestos and currently has not been regulated by the EPA. This material has, however, been linked to asbestos-related disease associated with the mining operations in Libby, Montana.



Testing, Consulting & Management

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CHECK LIST FOR BIDDERS

All information required by the terms of the Bid Documents must be furnished.

MISTAKES OR OMISSIONS CAN RESULT IN THE REJECTION OF YOUR BID.

Important items for you to check are included in but not limited to, those listed below. This checklist is furnished only to assist you in submitting a proper bid. Check as you read.

- _____ Is your bid properly signed? (Refer to Bid Documents)
- _____ If required, have you entered a unit price for each bid item?
- _____ If required, have you entered the unit price or lump sum price in both words and figures? (Unit Price or Lump Sum Price in words governs)
- _____ Are decimals in unit price in the proper places? Are your figures legible?
- _____ Is the envelope containing your bid properly identified that it is from YOUR COMPANY, that it is a sealed bid and does it contain the correct BID, RFP or PROJECT NAME and bid opening date?
- _____ Will your bid arrive on time? Late bids will **not** be considered. **Bids must be received by the Purchasing Office before 12:30 P.M., Wednesday, on the date specified in the Notice to Bidders.**