### DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT

HEALTHY HOMES
DEMONSTRATION PROGRAM

# FUNDING AVAILABILITY FOR THE HEALTHY HOMES DEMONSTRATION PROGRAM

#### PROGRAM OVERVIEW

Purpose of the Program. The purpose of the Healthy Homes Demonstration Program is to develop, demonstrate and promote cost-effective, preventive measures to correct multiple safety and health hazards in the home environment that produce serious diseases and injuries in children. HUD is interested in reducing health threats to the maximum number of residents, especially children, in a cost efficient manner.

Available Funds. Approximately \$5 million of funds.

Eligible Applicants. Not-for-profit institutions, and for-profit firms located in the U.S., state and local governments, and federally recognized Indian Tribes are eligible to apply. For-profit firms are not allowed to include a fee in the cost proposal (i.e., no profit can be made from the project). Federal agencies and federal employees are not eligible to apply for this program.

Application Deadline. June 14, 2002. Match. None.

#### ADDITIONAL INFORMATION

If you are interested in applying for funding under this initiative, please review carefully the General Section of this SuperNOFA and the following additional information.

#### I. Application Due Date, Application Kits, Further Information, and Technical Assistance

Application Due Date. The application due date is June 14, 2002. Your completed application (one original and four copies) must be postmarked before 12:00 midnight Eastern Time, on June 14, 2002, and mailed to the address shown below.

Application Submission Procedures. New Security Procedures. HUD has implemented new security procedures that impact on application submission procedures. Please read the following instructions carefully and completely. HUD will not accept hand-delivered applications. Applications may be mailed using the United States Postal Service (USPS) or may be shipped via the following delivery services: United Parcel Service (UPS), FedEx, DHL, or Falcon Carrier. No other delivery services are permitted into HUD Headquarters without escort. You must, therefore, use one of the four carriers listed above.

Mailed Applications. Your application will be considered timely filed if your application is postmarked

on or before 12:00 midnight on the application due date and received by the designated HUD Office on or within fifteen (15) days of the application due date. All applicants must obtain and save a Certificate of Mailing showing the date when you submitted your application to the United States Postal Service (USPS). The Certificate of Mailing will be your documentary evidence that your application was timely filed.

Applications Sent by Overnight/ Express Mail Delivery. If your application is sent by overnight delivery or express mail, your application will be timely filed if it is received before or on the application due date, or when you submit documentary evidence that your application was placed in transit with the overnight delivery/express mail service by no later than the application due date. Due to new security measures, you must use one of four carrier services that do business with HUD Headquarters regularly. These services are UPS, DHL, FedEx and Falcon Carrier. Delivery by these services must be made during HUD's Headquarters business hours, between 8:30 AM and 5:30 PM Eastern time, Monday to Friday. If these companies do not service your area, you should submit your application via the United States Postal Service.

Address for Submitting Applications. The address for all applications submitted is: Department of Housing and Urban Development, Office of Healthy Homes and Lead Hazard Control, Attn: Ellen R. Taylor, 451 Seventh Street, SW., Room P3206, Washington, DC 20410.

For Application Kits. You may obtain an application kit from the SuperNOFA Information Center at 1–800–HUD–8929, or the TTY number at 1–800–HUD–2209. When requesting an application kit, please refer to the Healthy Homes Demonstration Program. Please be sure to provide your name, address (including zip code), and telephone number (including area code). Alternatively, you may obtain an application kit by downloading it from the Internet at www.hud.gov.

For Further Information and Technical Assistance. You may contact Ms. Ellen Taylor, Planning and Standards Division, Office of Healthy Homes and Lead Hazard Control, at the address above; telephone (202) 755–1785, extension 116, or Ms. Curtissa Coleman Grants Officer, extension 119. (These are not toll-free numbers.) Hearing- and speech-impaired persons may access the above telephone numbers via TTY by calling the toll-free

Federal Information Relay Service at 1–800–877–8339.

Satellite Broadcasts. HUD will hold information broadcasts via satellite for potential applicants to learn more about the programs in this SuperNOFA and preparation of the applications. For more information about the date and time of the broadcast, you should consult the HUD website at www.hud.gov.

#### II. Amount Allocated

Approximately \$5 million will be available under the FY 2002 appropriation. Grants will be awarded on a competitive basis following evaluation of all proposals according to the Rating Factors described in Section V(C) of this program section. HUD anticipates that approximately 6 to 8 grants will be awarded, ranging from approximately \$250,000 to approximately \$1,000,000.

#### III. Program Description; Eligible Applicants; Eligible Activities

(A) Program Description

(1) Background. The Healthy Homes Demonstration Program is a part of HUD's Healthy Homes Initiative. The Healthy Homes Initiative (HHI) departs from the more traditional approach of attempting to correct one hazard at a time (e.g., asbestos, radon). In April 1999, HUD submitted to Congress a preliminary plan containing a full description of the Initiative. This description (Summary and Full Report) is available on the HUD website at www.hud.gov.

The HHI builds upon HUD's existing housing-related health and safety issues, including lead hazard control, building structural safety, electrical safety, and fire protection to address multiple childhood diseases and injuries, such as asthma, mold-induced illness, carbon monoxide poisoning, and other conditions, related to housing in a more coordinated fashion. A coordinated effort is feasible because a limited number of building deficiencies contribute to many hazards. Substantial savings are possible using this approach, because separate visits to a home by an inspector, public health nurse, or outreach worker can add significant costs to efforts to eliminate hazards. A description of the HHI program, and a link to the Healthy Homes website, are available at www.hud.gov.

In addition to deficiencies in basic housing facilities that may impact health, changes in the U.S. housing stock and more sophisticated epidemiological methods and biomedical research have led to the identification of new and often more subtle health hazards in the residential environment. While such hazards will tend to be found disproportionately in housing that is substandard (e.g., structural problems, lack of adequate heat, etc.), such housing-related environmental hazards may also exist in housing that is otherwise of good quality. Appendix A to the Healthy Homes (HH) Demonstration program section of the SuperNOFA briefly describes the housing-associated health and injury hazards HUD considers key targets for intervention. Appendix B to the HH Demonstration program section of the SuperNOFA lists the references that serve as the basis for the information provided in this section of the SuperNOFA.

HUD is interested in promoting approaches that are cost-effective and efficient and that result in the reduction of health threats for the maximum number of residents for the long run, and, in particular, for low-income children. Section VI of the General Section of the SuperNOFA presents HUD's FY 2002 Policy Priorities and the text below presents the overall goals and

objectives of the HHI:

(a) Mobilize public and private resources, involving cooperation among all levels of government, the private sector, and faith-based and other community-based organizations to develop the most promising, costeffective methods for identifying and controlling housing-based hazards.

controlling housing-based hazards.
(b) Build local capacity to operate sustainable programs that will prevent and control housing-based hazards in low and very low-income residences when HUD funding is exhausted.

(c) Affirmatively further fair housing and environmental justice.

(2) Healthy Homes Demonstration Activities. Through the Healthy Homes Demonstration program, HUD will initiate competitive projects to promote implementation of available risk reduction techniques for the control of key hazards described in Appendix A. HUD will award demonstration projects that implement housing assessment, maintenance, renovation and construction techniques to identify and correct housing-related illness and injury risk factors, and disseminate healthy homes information and replicate successful interventions.

HUD will evaluate proposals based on the elements described below. Applicants are required to be specific as to the locations where they are targeting their intervention activities to occur, the residents, individuals, or groups targeted to receive interventions, and the organizations targeted to continue to operate effective intervention strategies over the life of the award and thereafter.

Objectives to be addressed by these demonstration projects are:

- (a) Identification of target areas and homes where interventions will occur.
- (b) Identification and evaluation of effective methods of hazard abatement and risk reduction.
- (c) Development of appropriately-scaled, flexible, cost-effective and efficient intervention strategies that take into account the range of conditions likely to be encountered in older housing, and that maximize the number of housing units that receive an intervention.
- (d) Development of methodologies for evaluating intervention effectiveness.
- (e) Development of local capacity in target areas and target groups to operate sustainable programs to prevent and control housing-based hazards, especially in low and very-low income residences.
- (f) Development of a cost-effective protocol for identifying homes that are candidates for interventions, identifying hazards in these homes, and screening out homes where structural or other condition factors (e.g., cost) make interventions infeasible or impractical.
- (g) Development and delivery of public outreach programs that provide information about effective methods for preventing housing-related childhood diseases and injuries and for promoting the use of these interventions.
- (h) Targeting, through education and outreach, specific high-risk communities and other identified audiences such as homeowners, landlords, health care deliverers, pregnant women, children, residential construction contractors, maintenance personnel, housing inspectors, real estate professionals, home buyers, and low-income minority families.

(i) Implementation of media strategies to use print, radio and television to increase public awareness of housingrelated hazards that threaten children.

(j) Dissemination of existing tools and, as needed, new tools to inform parents and caregivers about housing-related hazards and enable them to take prompt corrective action.

#### (B) Eligible Activities

The following direct activities and support activities are eligible under this grant program.

(1) Direct Project Elements (activities conducted by you and any subrecipients):

(a) Performing evaluations of eligible housing to determine the presence of housing-based hazards (e.g., mold

growth, allergens, unvented appliances, exposed steam pipes or radiators, deteriorated lead-based paint) through the use of generally accepted testing procedures.

(b) Conducting housing interventions to remediate existing housing-based hazards and address conditions that could result in their recurrence. Any lead hazard evaluation and control work shall be conducted by persons qualified for the activities according to 24 CFR part 35, especially sections 13.1325 for abatement and 13.1330 for interim controls. Qualified persons must possess certification as abatement contractors, risk assessors, inspectors, abatement workers, or sampling technicians, or otherwise having been trained in a HUD-approved course in lead-safe work practices. You may refer to the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing (Guidelines) for additional information. The Guidelines and/or applicable regulations may be downloaded from the Office of Healthy Homes and Lead Hazard Control's homepage, linked to www.hud.gov. All pest control activities shall incorporate the principles and methods of integrated pest management (IPM). In technical terms, IPM is the coordinated use of pest and environmental information with available pest control methods to prevent unacceptable levels of pest damage by the most economical means and with the least possible hazard to people, property, and the environment. (One information source is the University of Minnesota's electronic textbook of Integrated Pest Management, available at http://ipmworld.umn.edu/ textbook.htm.)

(c) Undertaking housing rehabilitation activities that are specifically required to carry out effective control of housing-based hazards, and without which the intervention could not be completed and maintained. Grant funds under this program may also be used to control lead-based paint hazards, but such controls may not be a principal focus of

the grant.

(d) Carrying out temporary relocation of families and individuals, when necessary, during the period in which intervention is conducted and until the time the affected unit receives clearance for re-occupancy. Residents relocated must be guaranteed the choice of returning to the unit after the intervention.

(e) If medical examinations of young children for conditions caused or exacerbated by exposure to hazards are demonstrated to be critical to the outcome of your project, and there are

no alternative sources to cover these costs, conducting such examinations.

- (f) Environmental sampling, and medical testing recommended by a physician or applicable occupational or public health agency to protect the health of the intervention workers, supervisors, and contractors, unless reimbursable from another source.
- (g) Conducting clearance testing and analysis for lead, mold, carbon monoxide and/or other toxins as appropriate, with respect to generally accepted standards or criteria, or where not available, other appropriate levels justified in conjunction with the project. Clearance dust samples related to leadbased paint must be analyzed by a laboratory recognized by EPA's National Lead Laboratory Accreditation Program (NLLAP). All tests results related to lead-based paint must be provided to the owner of the unit, together with a notice describing the owner's legal duty to disclose the results to tenants and buvers.
- (h) Carrying out architectural, engineering and work specification development and other construction management services to control housing-based hazards and remediate existing hazards.

(i) Providing training on safe maintenance practices to homeowners, renters, painters, remodelers, and housing maintenance staff working in low or very-low income housing.

- (j) Providing cleaning supplies for hazard intervention and hazard control to faith-based and other community-based organizations for use by homeowners and tenants in low-income housing, or to such homeowners and tenants directly. (See Section VI(E) of the General Section of the SuperNOFA for more information about faith-based and other community-based organizations.)
- (k) Conducting general or targeted community education programs on environmental health and safety hazards. This activity would include training on safe maintenance and renovation practices, among other topics. It would also include making materials available, upon request, in alternative formats for persons with disabilities (e.g., Braille, audio, large type), and in languages other than English that are common in the community, whenever possible.
- (l) Securing liability insurance for hazard evaluation and control activities to be performed. This activity is not an administrative activity.
- (m) Supporting data collection, analysis, and evaluation of project activities.

- (n) Maintaining a registry (updated at least monthly) of housing units in which housing-based hazards were not found during evaluation, and those in which such problems and hazards have been controlled. Units on the registry should be given priority for affirmatively marketing to low-income families with young children, and such families should be given preference for occupancy when they are vacant. (If you are selected for an award, HUD will provide specific data requirements for the registry.)
- (o) Preparing quarterly progress reports and an overall final grant report detailing activities (e.g., number of units tested, types of interventions provided, evaluation of the most cost-efficient methodologies by type of unit), findings, and recommended future actions for cost-effective interventions, at the conclusion of grant activities.
  - (2) Support Elements.
  - (a) Your administrative costs.
- (b) Program planning and management costs of sub-grantees and other sub-recipients.
- (D) Ineligible Activities
  - (1) Purchase of real property.
- (2) Purchase or lease of equipment having a per unit cost in excess of \$5,000, unless prior written approval is obtained from HUD.
- (3) Medical treatment costs, except as specified in Section III (C) (1)(e) above.

#### **IV. Program Requirements**

In addition to program requirements listed in the General Section of the SuperNOFA, you, the applicant, must comply with the following requirements:

- (A) Budgeting—Administrative Costs. There is a 10% maximum for administrative costs, as specified in Section 1011(j) of the Residential Lead-Based Paint Hazard Reduction Act of 1992 (Title X of the Housing and Community Development Act of 1992, Public Law 102–550). Additional information about allowable administrative costs is provided in Appendix C of this NOFA.
- (B) Period of Performance. The period of performance cannot exceed 36 months from the time of the award.
- (C) Coastal Barrier Resources Act. Pursuant to the Coastal Barrier Resources Act (16 U.S.C. 3501), funds may not be used for properties located in the Coastal Barrier Resources System.
- (D) Flood Disaster Protection Act. Under the Flood Disaster Protection Act of 1973 (42 U.S.C. 4001–4128), funds may not be used for construction, reconstruction, repair or improvement of a building or mobile home which is

- located in an area identified by the Federal Emergency Management Agency (FEMA) as having special flood hazards unless:
- (1) The community in which the area is situated is participating in the National Flood Insurance Program in accordance with the applicable regulations (44 CFR parts 59–79), or less than a year has passed since FEMA notification regarding these hazards; and

(2) Where the community is participating in the National Flood Insurance Program, flood insurance on the property is obtained in accordance with section 102(a) of the Flood Disaster Protection Act (42 U.S.C. 4012a(a)). You are responsible for assuring that flood insurance is obtained and maintained for the appropriate amount and term.

(E) National Historic Preservation Act. The National Historic Preservation Act of 1966 (16 U.S.C. 470) (NHPA) and the regulations at 36 CFR part 800 apply to the mold intervention and related hazard control activities that are undertaken pursuant to this program. **HUD** and the Advisory Council for Historic Preservation have developed an optional Model Agreement for use by grantees and State Historic Preservation Officers in carrying out any lead hazard control activities under this program. This must be obtained from the SuperNOFA Information Center at 1– 800-HUD-8929.

(F) Waste Disposal. Waste disposal will be handled according to the requirements of the Occupational Health and Safety Administration (OSHA) (e.g., 29 CFR part 1910 and/or 1926, as applicable), the Environmental Protection Agency (EPA) (e.g., 40 CFR parts 61, 260–282, 300–374, and/or 700–799, as applicable), the Department of Transportation (e.g., 49 CFR parts 171–177), and/or appropriate state or local regulatory agencies and applicable EPA, HUD, state and local regulatory agency guidance.

(G) Worker Protection Procedures. You must comply with the requirements of OSHA (e.g., 29 CFR part 1910 and/or 1926, as applicable), or the state or local occupational safety and health regulations, whichever are most stringent.

(H) Written Policies and Procedures. You must have written policies and procedures for all phases of intervention, including evaluation, development of specifications, financing, occupant relocation, independent project inspection, and clearance testing (e.g., for mold, lead, carbon monoxide or other hazards, as applicable). You and all your subcontractors, sub-recipients, and their

contractors must comply with these policies and procedures.

(I) Clearance Testing for Lead Hazard Control Activities. Clearance dust testing must be conducted according to the EPA lead hazards standards rule at 40 CFR part 745 for abatement projects and the Lead-Safe Housing rule (24 CFR part 35) for lead hazard control activities other than abatement. These are available at www.epa.gov/lead and www.hud.gov, respectively.

(J) Continued Availability of Safe Housing to Low-Income Families. Units in which housing-based hazards have been controlled under this program shall be occupied by and/or continue to be available to low-income residents for not less than 3 years following the completion of intervention activities.

(K) Environmental Review. You must comply with HUD's regulations in 24 CFR 50.3(h) in carrying out responsibilities regarding environmental review. Recipients of a grant under this NOFA will be given guidance in these responsibilities.

(L) Conducting Business in Accordance with HUD Core Values and Ethical Standards. If awarded assistance under this SuperNOFA, you will be required, prior to entering into a grant agreement with HUD, to submit a copy of your code of conduct and describe the methods you will use to ensure that all officers, employees, and agents of your organization are aware of your code of conduct. See Section II(A)(2) of the General Section of the SuperNOFA for information about conducting business in accordance with HUD's core values and ethical standards.

(M) Relocation. Any person (including individuals, partnerships, corporations or associations) who moves from real property or moves personal property from real property directly (1) because of a written notice to acquire real property, in whole or in part, or (2) because of the acquisition of the real property, in whole or in part, for a HUDassisted activity, is covered by Federal relocation statute and regulations. Specifically, this type of move is covered by the acquisition policies and procedures and the relocation requirements of the Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended (URA), and the implementing government-wide regulation at 49 CFR part 24. The relocation requirements of the URA and the government-wide regulations cover any person who moves permanently from real property or moves personal property from real property directly because of acquisition, rehabilitation or demolition for an

activity undertaken with HUD assistance.

(N) Ensuring the Participation of Small Businesses, Small Disadvantaged Businesses, and Women-Owned Businesses. The Department of Housing and Urban Development (HUD) is committed to ensuring that small businesses, small disadvantaged businesses and women-owned businesses participate fully in HUD's direct contracting and in contracting opportunities generated by HUD grant funds. Refer to the General Section of the SuperNOFA for applicable requirements.

(O) Economic Opportunities for Lowand Very Low-Income Persons (Section 3). Recipients of assistance must comply with Section 3 of the Housing and Urban Development Act of 1968, 12 U.S.C. 1701u (Economic Opportunities for Low- and Very Low-Income Persons in Connection with Assisted Projects) and the HUD regulations at 24 CFR part 135, including the reporting requirements of subpart E. Section 3 requires recipients to ensure that, to the greatest extent feasible, training, employment and other economic opportunities will be directed to (1) low and very low income persons, particularly those who are recipients of government assistance for housing, and (2) business concerns which provide economic opportunities to low and very low-income persons. Frequently Asked Questions (FAQs) about Section 3 requirements are available at www.hud.gov.

(P) Data collection and provision. You must collect, maintain and provide to HUD the data necessary to document the various approaches used to evaluate and control housing-based hazards, including evaluation and control methods, building conditions, medical and familial information (with confidentiality of individually-identifiable information ensured) in order to determine the effectiveness and relative cost of these methods.

(Q) Certifications and Assurances. You must include the certifications and assurances listed in Section II(H) of the General Section of the SuperNOFA with your application. A Certification of Consistency with the Consolidated Plan is not required for this application.

(R) Davis-Bacon Act. The Davis-Bacon Act does not apply to this program. However, if program funds are used in conjunction with other Federal programs in which Davis-Bacon prevailing wage rates apply, then Davis-Bacon provisions would apply to the extent required under the other federal programs.

#### V. Application Selection Process

(A) Threshold Requirements. Please see Section II(B) of the General Section of this SuperNOFA. As an applicant, you must meet all of the threshold requirements of Section II(B) of the General Section of the SuperNOFA. Applications that meet all of the threshold requirements will be eligible to be scored and ranked based on the total number of points allocated for each of the rating factors described below. Your application must receive a total score of at least 70 points to remain in consideration for funding.

(B) Rating and Ranking. HUD intends to award the highest ranked applications listed in the Programs Section of the SuperNOFA within the limits of funding availability.

(1) In evaluating applications for funding HUD will take into account an applicant's past performance in managing funds, including the ability to account for funds appropriately; timely use of funds received either from HUD or other federal, state or local programs; meeting performance targets for completion of activities and number of persons to be served or targeted for assistance. HUD may use information relating to these items based on information at hand or available from public sources such as newspapers, Inspector General or Government Accounting Office Reports or Findings, hotline complaints that have been proven to have merit, or other such sources of information. In evaluating past performance, HUD may elect to deduct points from the rating score as specified under the Factors for Award or set threshold levels for performance as specified in the funding announcement.

(C) Factors for Award Used to Evaluate and Rate Applications. This section provides the factors for rating and ranking your application and the maximum points for each factor. The maximum number of points to be awarded is 106, including the potential for six bonus points, as defined in paragraphs (1) through (3) of Section III (C) of the General Section of the SuperNOFA. This maximum includes two EZ/EC bonus points, two bonus points for Brownfields Showcase Communities, and two bonus points for the court ordered consideration in the City of Dallas, Texas, as described in Section III(C) of the General Section of the SuperNOFA

#### Rating Factor 1: Capacity of the Applicant and Relevant Organizational Experience (20 Points)

This factor addresses your organizational capacity necessary to

successfully implement your proposed activities in a timely manner. The rating of you or your staff includes any faithbased and other community-based organizations, sub-contractors, consultants, sub-recipients, and members of consortia that are firmly committed to your project. Applicants that are, or propose to, either partner, fund, or sub-contract with grassroots organizations, particularly faith-based and other community-based non-profits in conducting their work programs will receive higher rating points as specified in the Program Section of this SuperNOFA. See Section VI(E) of the General Section of the SuperNOFA for additional information. In rating this factor HUD will consider:

(1) Your recent, relevant and successful demonstrated experience in undertaking eligible program activities. You must describe the knowledge and experience of the proposed overall project director and day-to-day project manager in planning and managing large and complex interdisciplinary programs, especially those involving housing, public health, or environmental programs. In your narrative response for this factor, you should include information on your project staff, their experience, commitment to the project, and position titles. Resumes of up to three (3) pages each and position descriptions for up to three personnel in addition to the project director and project manager, and a clearly delineated organizational chart for your project must be included in an appendix. Copies of job announcements (including salary range) should be included for any key positions that are currently vacant, or contingent upon an award. Indicate the percentage of time that key personnel will devote to your project and any salary costs to be paid by funds from this program. Include descriptions of the experience and qualifications of subcontractors and consultants.

(2) Your qualifications to carry out the proposed activities as evidenced by experience, academic background, training, and/or relevant publications of

project staff.

(3) Whether you have sufficient personnel, or will be able to quickly retain qualified experts or professionals to begin your proposed project immediately, and to perform your proposed activities in a timely and effective fashion. Describe how principal components of your organization will participate in, or support, your project. You should thoroughly describe capacity, as demonstrated by experience in initiating and implementing related

environmental, health, or housing projects.

#### Rating Factor 2: Need/Extent of the **Problem (15 Points)**

This factor addresses the extent to which there is a need for your proposed project activities to address documented problems, target area(s) and target groups.

(1) Document a critical level of need for your proposed activities in the area where activities will be carried out. You should pay specific attention to documenting the need as it applies to your target area(s), rather than the larger geographic area.

(2) Your documentation should summarize available data linking housing-based hazards to disease or injuries to children in your target area(s). Examples of data that might be used to demonstrate need, include:

(a) Economic and demographic data relevant to your target area(s), including poverty and unemployment rates;

(b) Rates of childhood illnesses (e.g., asthma, allergies, hypertension, elevated blood lead levels) or injuries (e.g., falls, burns) among children residing in your target areas that could be caused or exacerbated by exposure to conditions in the home environment; and

(c) Unavailability of other Federal, state or local funding or private sector resources that could be, or are being, used to address the problem.

(3) For the areas targeted for your project activities, provide data available in your jurisdiction's currently approved Consolidated Plan and the Analysis of Impediments to Fair Housing Choice (AI) or derived from current census data or from other sources. All data that address the following should be documented:

(a) The age and condition of housing;

(b) The number and percentage of very-low and low-income families with incomes less than 50% and 80% of the median income, respectively, as determined by HUD, for the area, with adjustments for smaller and larger families. Statistics that describe low and very-low income families are available at www.huduser.org/datasets/il/fmr00/ sect82.html. Additional census statistics are available at: www.census.gov/hhes/ www/income00.html, www.census.gov/ hhes/income/income00/statemhi.html, and www.huduser.org/datasets/il/ fmr00/index.html.

(c) To the extent that statistics and other data contained in your community's Consolidated Plan or AI support the extent of the problem, you should include references to the Consolidated Plan or AI in your response.

(d) Data documenting targeted groups that are traditionally underserved or have special needs. If the data presented in your response does not specifically represent your target area, you should discuss why the target areas are being proposed. If your application addresses needs that are in the Consolidated Plan or AI, court orders or consent decrees, settlements, conciliation agreements, and voluntary compliance agreements, you will receive more points than applicants that do not relate their project to an identified need.

#### **Rating Factor 3: Soundness of Approach (45 Points)**

This factor addresses the quality and cost-effectiveness of your proposed work plan. You should present information on the proposed approach for addressing housing-based hazards and describe how proposed activities would help HUD achieve its goals for this program area. For you to receive maximum points for this factor, there must be a direct relationship between the proposed activities, community needs, and the purpose of the project. You may find that developing a Logic Model would be useful for this Rating Factor; information about developing a Logic Model is available at: www.hud.gov. The response to this factor should include the following

- (1) Approach for Developing the Project (25 points). Describe your overall approach for your proposed project. The description must include a discussion of specific planned project activities that address one or more of the following categories:
  - (a) Project activities (15 points).
- (i) Describe in detail how you will identify, select, prioritize, and enroll units of eligible housing in which you will undertake housing-based hazard interventions, how you will integrate safe work practices into housing maintenance, repair, and improvements, and then target such units to lowincome families with young children. You should use all reasonably available sources of information on controlling housing-based hazards in buildings and protecting workers and occupants during and after the intervention process.
- (ii) Describe any assessment tools you would employ to establish baseline data.
- (iii) Provide the estimated total number of owner occupied and/or rental units in which you will conduct interventions.
- (iv) Describe your process for evaluating units of eligible housing in

which you will undertake housingbased hazard interventions.

(v) Describe any specialized testing or visual inspection that you will conduct during unit inspection with reference to

source(s) of the protocol(s).

(vi) Discuss efforts to incorporate costeffective methods to address multiple environmental health and safety hazards, and describe the specific interventions you will utilize to control housing-based hazards before children are affected; and/or to control these hazards in units where children have already been treated for illnesses or injuries associated with housing-based hazards (e.g., burns, lead poisoning, asthma).

(vii) Describe the process for your referral of children for medical case management if this is not ongoing.

(viii) Describe your process for the development of work specifications for the selected interventions.

(ix) Describe your management processes to be used to ensure the costeffectiveness of the housing interventions, and provide cost estimates per intervention and per unit.

(x) Discuss your contracting process to obtain contractors to conduct interventions in selected units.

(xi) Describe your plan for the temporary relocation of occupants of units selected for intervention, if relocation is necessary, and how you will determine the need for relocation. Address the use of safe houses and other housing arrangements, storage of household goods, stipends, incentives, etc. Describe how you will meet relocation requirements.

(xii) Describe your plan for ensuring right of return and/or first referral for occupants of units selected for intervention who have had to move for

intervention to occur.

(xiii) Describe how you will affirmatively further fair housing.

(xiv) Describe the financing strategy, including eligibility requirements, terms, conditions, and amounts available, to be employed in conducting housing-based hazards activities. You must discuss the way funds will be administered (e.g., use of grants, deferred loans, forgivable loans, other resources, private sector financing, etc.) as well as the agency that will administer the process.

(xv) Proposed methods of community education. These should include community awareness, education, training, and outreach programs in support of your work plan and objectives that are culturally sensitive, targeted, and linguistically appropriate.

(xvi) Proposed involvement of neighborhood, or faith-based and other

community-based organizations in the proposed activities. These activities may include outreach, community education, marketing, inspection, and housing evaluations and interventions.

(xvii) Proposed methods to reach high-risk groups and communities, vulnerable populations and persons

traditionally underserved.

(xviii) Indicate if, and describe how, you will address any of HUD's Departmental policy priorities. (See Section VI of the General Section of the SuperNOFA for a fuller explanation of HUD's policy priorities.) Policy priorities that are potentially applicable to the Healthy Homes Demonstration NOFA are: 1) Improving the Quality of Public Housing and Providing More Choices for its Residents; 2) Increasing the Participation of Faith-based and other Community-based Organizations in HUD Program Implementation; and 3) Colonias. You will receive one point for each of the applicable policy priorities that are addressed in your application.

(b) Project Evaluation (10 points). You are required to identify and discuss the specific methods you will use to measure progress towards your goals, track and report results of interventions, and evaluate the effectiveness of

interventions:

(i) Discuss the performance goals for your project and identify specific outcome measures;

(ii) Describe how the outcome information will be obtained, documented, and reported.

(2) Approach for Implementing the Project (20 points). Describe your project goals and objectives and the strategy you will use in planning and executing the project. You should provide information on the general approach and overall plan employed.

(a) Baseline Plan for Project Management (10 points). Include a

management plan that:

(i) Lists the project objectives, major tasks and activities. All specific activities necessary to complete the proposed project must be included in the task listing;

(ii) Incorporates appropriate performance goals and benchmarks;

(iii) Identifies major milestones and provides a schedule for the assignment, tracking and completion of major tasks and activities, and a timeframe for delivery:

(iv) Designates resources and identifies responsible entities; and

(v) Provides an estimate of per unit (or other appropriate apportionment) costs (and a basis for those estimates) for the type of interventions that are planned.

(b) Budget Justification (5 points). Your proposed budget will be evaluated

for the extent to which it is reasonable, clearly justified, and consistent with the project management plan and intended use of program funds. HUD is not required to approve or fund all proposed activities. Your budget should be submitted in the format recommended in Appendix D of this NOFA. An electronic spreadsheet and other budgetary forms are available on HUD's website, at www.hud.gov. You must thoroughly document and justify all budget categories and costs (Part B of Standard Form 424A) and all major tasks, for yourself, sub-recipients, partners, major subcontractors, joint venture participants, or others contributing resources to the project. Describe clearly and in detail your budgeted costs for each required program element (major task) included in your overall plan.

(c) Economic Opportunity (5 points). To the greatest extent feasible, your project should promote job training, employment, and other economic opportunities for low-income and minority residents and businesses which are owned by, and/or employ, low-income and minority residents as defined in 24 CFR 135.5. You should:

(i) Describe how you or your partners will comply with Section 3 of the Housing and Urban Development Act of 1968 (12 U.S.C. 1701u) and HUD's implementing rules at 24 CFR part 135. Describe how you will accomplish this requirement by (1) providing training and employment opportunities for lowand very low-income persons living within the grantee's jurisdiction, and by (2) providing business opportunities to businesses owned by low and very lowincome persons living within the grantee's jurisdiction.

(ii) Describe how you or your partners will satisfy the requirements of Section 3 of the Housing and Urban Development Act of 1968 to give preference to hiring low and very lowincome persons or contracting with businesses owned by or employing low and very-low income persons. Frequently Asked Questions about Section 3 requirements are available at www.hud.gov.

(iii) Describe how your proposed project will further and support the policy priorities of the Department, including providing opportunities for self-sufficiency, particularly for persons enrolled in welfare-to-work programs; or providing educational and job training opportunities; and

(iv) Describe the extent to which your proposed activities will occur in an Empowerment Zone or Enterprise Community (EZ/EC), Urban Enhanced Enterprise Community (EEC), Strategic

Planning Community or Renewal Community, Brownfields Showcase Community, or the City of Dallas, Texas as defined in Section III(C)(1) through (3) of the General Section of the SuperNOFA.

### Rating Factor 4: Leveraging Resources (10 Points)

This factor addresses your ability to secure other community resources (such as financing, supplies or services) that can be combined with HUD's resources

to achieve project purposes.

- (1) In evaluating this factor, HUD will consider the extent to which you have partnered with other entities to secure additional resources to increase the effectiveness of your proposed project. Describe how other organizations will participate in or support your project. Resources may include funding or inkind contributions (such as services or equipment) allocated to your proposed project. Resources may be provided by state and local governmental entities, public or private organizations, or other entities willing to be your partner in this effort
- (2) Each source of contributions (financial or in-kind) must be supported by a letter of commitment from the contributing entity, whether a public or private source, which must describe the contributed resources that will be used in your project. Staff in-kind contributions should be given a marketbased monetary value. If you fail to provide letters of commitment with specific details including the amount of the actual contributions, you will not get rating points for this factor. Each letter of commitment, memorandum of understanding, or agreement to participate shall include the organization's name and the proposed level of commitment and responsibilities as they relate to the proposed project. The commitment must be signed by an official legally able to make commitments on behalf of the organization.

#### Rating Factor 5: Coordination, Self-Sufficiency and Sustainability (10 Points)

This factor consists of three elements:

(1) The extent to which you have coordinated your activities with other known organizations that are not directly participating in your proposed work activities, but with which you share common goals and objectives and are working toward meeting these objectives in a holistic and comprehensive manner. Applicants that are, or propose to, either partner, fund, or sub-contract with grassroots organizations, particularly faith-based

and other community-based non-profits in conducting their work programs will receive higher rating points as specified in the Program Section of this SuperNOFA. See Section VI(E) of the General Section of the SuperNOFA for additional information about faith-based and other community-based organizations.

(a) Describe your plan for integrating and coordinating housing-based hazard interventions with other housing-related activities (e.g., rehabilitation, weatherization, removal of code violations, and other similar work).

(b) Describe your plans to consolidate housing-based hazard interventions with applicable housing codes and

health regulations.

(c) Describe your plans to generate and use public subsidies or other resources (such as revolving loan funds) to finance future interventions to prevent and control housing-based hazards, particularly in low and very low-income housing.

- (d) Detail the extent to which you will ensure that the needs of minorities and persons with disabilities will be addressed adequately during your intervention activities; and that housing in which hazards have been addressed will remain available and affordable in the long run for low-income, minority, large families, and for persons with disabilities.
- (2) The extent to which your application implements practical solutions within the grant term to result in assisting beneficiaries of grant program funds in achieving independent living, economic empowerment, educational opportunities, housing choice or improved living environments;
- (3) The extent to which your program exhibits the potential to be financially self-sustaining by decreasing dependence on federal funding and relying more on state, local and private funding so your activities can be continued after your grant award period is completed.
- (D) *Applicant Debriefing. See* Section VII (E)(2) of the General Section of the SuperNOFA for information about applicant debriefing.

## VI. Application Submission Requirements

(A) Applicant Information. You should submit your application in accordance with the format and instructions contained in this program section of this SuperNOFA. The following is a checklist of required application contents. Your application must contain the items listed in this section. These items include the

standard forms, certifications, and assurances listed in the General Section of the SuperNOFA that are applicable to this funding (collectively, referred to as the "standard forms"). The standard forms can be found in Appendix B to the General Section of the SuperNOFA. The remaining application items that are forms (i.e., excluding such items as narratives), referred to as the "nonstandard forms" are listed in the Checklist and Submission Table of Contents provided in Appendix D of this NOFA and are available electronically at www.hud.gov. The items are as follows:

(1) Transmittal letter (one-page only) that summarizes your proposed project, provides the dollar amount requested, and identifies you and your partners in

the application.

(2) The name, mailing address, and telephone number of the principal contact person. If you are a consortium of associates, sub-recipients, partners, major subcontractors, joint venture participants, or others contributing resources to the project, similar information shall also be provided for each of these entities and you must specify the primary entity.

(3) Čhecklist and Submission Table of

Contents.

(4) Standard Forms SF-424, 424A (Section B), 424B (Assurances/Non-Construction Programs), 424M, Total Budget (Federal Share and Matching).

(5) HUD–2880 (Disclosure and Update Report); HUD 2990 (Certification of Consistency with EZ/EC Strategic Plan); HUD 2992 (Certification regarding Debarment and Suspension); HUD 50070 (Certification for a Drug-Free Workplace); HUD 50071 (Certifications of Payments to Influence Federal Transactions); Form SF-LLL Disclosure of Lobbying Activities, where applicable. A Certification of Consistency with the Consolidated Plan is not required for this application.

(6) Application Abstract. An abstract describing the goals and objectives of your proposed program (2-page maximum) must be included in the

proposal.

(7) A narrative statement addressing the rating factors for award. The narrative statement must be numbered in accordance with each factor for award (Rating Factors 1 through 5). The response to the rating factors must not exceed a total of 25 pages (12 point font with 1 inch margins). Any pages in excess of this limit will not be read. (The 25-page limit does not apply to the two-page abstract.)

(8) Any attachments, appendices, references, or other relevant information that directly support the narrative may

accompany it, but must not exceed twenty (20) pages (12 point font with 1 inch margins) for your entire application. Any pages in excess of this limit will not be read. Specific criteria for the content of the appendices for the Healthy Homes Demonstration Program grant application are listed in the Checklist and Submission Table of Contents. (See Appendix D of this

(9) A detailed budget with supporting cost justification for all budget categories of your funding request, in accordance with Rating Factor 3, element (2)(b). This information will not be counted towards the page limits. A detailed budget must also be provided for any subcontractors, subgrantees, or subrecipients receiving greater than 10% of the Federal budget request.

(10) The resumes and position descriptions of your project director and project manager and up to three additional key personnel (in accordance with Rating Factor 1), not to exceed three pages each (12-point font with 1inch margins). This information is to be included in Appendix 1 and will not be counted towards the page limit.

#### VII. Corrections to Deficient Applications

The General Section of the SuperNOFA provides the procedures for corrections to deficient applications.

#### VIII. Environmental Requirements

Activities assisted under this program are subject to HUD environmental review to the extent required under 24 CFR part 50. An award under the Healthy Homes Initiative does not constitute approval of specific sites where activities may be carried out. Following award execution, HUD will perform environmental reviews for activities to be carried out on properties proposed by your organization. You may not rehabilitate, convert, repair or construct a property, or commit or expend program funds or non-HUD funds for these program activities for any eligible property, until you receive written notification from the appropriate HUD official that HUD has completed its environmental review and the property has been approved. The results of environmental reviews may require that proposed activities be modified or proposed sites rejected.

#### IX. Authority

The authority for this program is Sections 501 and 502 of the Housing and Urban Development Act of 1970 and the Departments of Veterans Affairs and Housing and Urban Development, and Independent Agencies

Appropriations Act, 2002, Public Law 107-73, approved November 26, 2001.

#### Appendix A

The following briefly describes the housing-associated health and injury hazards HUD considers key targets for intervention. More information about housing-associated health and injury hazards is available at the Healthy Homes Initiative website, linked to

Allergens and asthma: Experts estimate that 14 million Americans have asthma, with an associated annual cost of \$14 billion. Asthma is now recognized as the leading cause of school and work absence, emergency room visits and hospitalization. For sensitized children, exposure to antigens from dust mites, certain pets, and cockroaches has been associated with more severe asthma. There is a preponderance of evidence showing a dose-response relationship between exposure and prevalence of asthma and allergies; some evidence also indicates that exposure to antigens early in life may predispose or hasten the onset of allergies and asthma. Dust mites have been identified as the largest trigger for asthma and allergies. Cockroach allergens appear to be excessive in 30-50% of inner-city housing and affect 5-15% of the population, whereas dust mite appears to be the dominant allergen in other environments.

Interventions known to have beneficial effects include installation of impervious mattress and pillow covers, which can reduce allergen exposure by 90%. Other dust mite control measures include dehumidification, laundering bedding, and removal of carpets and other dust sinks. Cleaning carpets with tannic acid solution has also been demonstrated to greatly reduce dust mites. Asthma prevention program costs have been estimated at about \$500 per unit, which includes about \$150 for educational interventions. Additional information is available in HUD's research topic paper, "Healthy Homes Issues: Asthma" available at the Resources, Technical Resources link of **HUD's Healthy Homes Initiative** website, linked to www.hud.gov

Asbestos: Asbestos is a mineral fiber that has been used commonly in a variety of building construction materials and household products for insulation and as a fire-retardant. The Environmental Protection Agency (EPA) and the Consumer Product Safety Commission (CPSC) have banned most asbestos products. Manufacturers have also voluntarily limited uses of asbestos. Today, asbestos is most commonly found in older homes: in pipe and

furnace insulation materials, asbestos shingles, millboard, textured paints and other coating materials, and floor tiles. Elevated concentrations of airborne asbestos can occur when asbestoscontaining materials (ACM) are disturbed by cutting, sanding or other remodeling activities. Improper attempts to remove these materials can release asbestos fibers into the air in homes, increasing asbestos levels and endangering people living in those homes. The most dangerous asbestos fibers are too small to be visible. After they are inhaled, they can remain and accumulate in the lungs. Asbestos can cause lung cancer, mesothelioma (a cancer of the chest and abdominal linings), and asbestosis (irreversible lung scarring that can be fatal). Most people with asbestos-related diseases were exposed to elevated concentrations on the job; some developed disease from exposure to clothing and equipment brought home from job sites. As with radon, dose-response extrapolations suggest that lower level exposures, as may occur when asbestos-containing building materials deteriorate or are disturbed, may also cause cancer.

Intact asbestos-containing materials are not a hazard; they should be monitored for damage or deterioration and isolated if possible. Repair of damaged or deteriorating ACM usually involves either sealing (encapsulation) or covering (enclosure) it. Repair is usually cheaper than removal, but it may make later removal of asbestos more difficult and costly. Repairs should be done only by a professional, trained and certified to handle asbestos safely and can cost from a few hundred to a few thousand dollars; removal can

be more expensive.

Combustion products of heating and cooking appliances: Burning of oil, natural gas, kerosene, and wood for heating or cooking purposes can release a variety of combustion products of health concern. Depending upon the fuel, these may include carbon monoxide (a chemical asphyxiant), oxides of nitrogen (respiratory irritants), polycyclic aromatic hydrocarbons (e.g., the carcinogen benzo[a]pyrene), and airborne particulate matter (respiratory irritants). Carbon monoxide, an odorless gas, can be fatal. Nitrogen dioxide can damage the respiratory tract, and sulfur dioxide can irritate the eyes, nose and respiratory tract. Smoke and other particulates irritate the eyes, nose and throat, and can cause lung cancer.

Improper venting and poor maintenance of heating systems and cooking appliances can dramatically increase exposure to combustion products. Experts recommend having combustion heating systems inspected by a trained professional every year to identify blocked openings to flues and chimneys; cracked or disconnected flue pipe; dirty filters; rust or cracks in the heat exchanger; soot or creosote buildup; and exhaust or gas odors. Installing a carbon monoxide detector is also recommended; however, such a detector will not detect other combustion byproducts.

*Insect and rodent pests:* The observed association between exposure to cockroach antigen and asthma severity has already been noted above. In addition, cockroaches may act as vehicles to contaminate and environmental surfaces with certain pathogenic organisms. Rodents can transmit a number of communicable diseases to humans, either through bites, arthropod vectors, or exposure to aerosolized excreta. In addition, humans can become sensitized to proteins in rodent urine, dander and saliva. Such sensitization may contribute to asthma severity among children. Insect and rodent infestation is frequently associated with substandard housing that makes it difficult to eliminate. Treatment of rodent and insect infestations often includes the use of toxic pesticides that may present hazards to occupants (see below). Integrated pest management (IPM) for rodents and cockroaches, which reduces the use of pesticides, is estimated to cost approximately \$150 per unit. IPM control measures include sealing holes and cracks, removing food sources and use of traps. In technical terms, Integrated Pest Management (IPM) is the coordinated use of pest and environmental information with available pest control methods to prevent unacceptable levels of pest damage by the most economical means and with the least possible hazard to people, property, and the environment. (One information source is the University of Minnesota's electronic textbook of Integrated Pest Management, available at http://ipmworld.umn.edu/ textbook.htm.)

Lead: Exposure to lead, especially from deteriorating lead-based paint, remains one of the most important and best studied of the household environmental hazards to children. Although blood lead levels have fallen nationally, a large reservoir of lead remains in housing. The most recent national survey, conducted from 1991–94, showed that nearly one million U.S. preschoolers still have elevated blood lead levels. Overall, the prevalence rate among all children under six years of age is 4.4%. Among low-income children living in older housing where

lead-based paint is most prevalent, the rate climbs to 16%; and for African-American children living in such housing, it reaches 21%.

HUD estimates that 38 million dwellings have some lead-based paint, and that 26 million have significant lead-based paint hazards. Of those, about 5.7 million have young children and of those, about 1.6 million have household incomes under \$30,000 per year. Costs for Lead Hazard Control can range anywhere from \$500 to \$15,000 per unit. Corrective measures include paint stabilization, enclosure and removal of certain building components coated with lead paint, and cleanup and "clearance testing," which ensures the unit is safe for young children.

Mold and moisture: An analysis of several pulmonary disease studies estimates that 25% of airways disease, and 60% of interstitial lung disease may be associated with moisture in the home or work environment. Moisture is a precursor to the growth of mold and other biological agents, which is also associated with respiratory symptoms. An investigation of a cluster of pulmonary hemosiderosis (PH) cases in infants showed PH was associated with a history of recent water damage to homes and with levels of the mold Stachybotrys atra (SA) in air and in cultured surface samples. Associations between exposure to SA and "sick building" symptoms in adults have also been observed. Other related toxigenic fungi have been found in association with SA-associated illness and could play a role. For sensitive individuals, exposure to a wide variety of common molds may also aggravate asthma. Addressing mold problems in housing requires coordination among the medical, public health, microbiological, housing, and building science communities. Additional information is available in HUD's research topic paper, "Healthy Homes Issues: Mold" available at the Resources, Technical Resources link of HUD's Healthy Homes Initiative website, linked to www.hud.gov.

The cost of mold/moisture-related intervention work (e.g., integrated pest management, clean and tune furnace, remove debris, vent clothes dryer, cover dirt floor with impermeable vapor barrier) is a few hundred dollars, unless major modification of the ventilation system is needed. For example, in Cleveland, mold interventions, including repairs to ventilation systems and basement flooring, in the most heavily contaminated homes range from \$500—\$5,000, with some costs also being dedicated to lead hazard control simultaneously through its Lead+Asthma program.

Pesticide residues: According to the EPA, 75 percent of U.S. households used at least one pesticide product indoors during the past year. Products used most often are insecticides and disinfectants. Another study suggests 80 percent of most people's exposure to pesticides occurs indoors and that measurable levels of up to a dozen pesticides have been found in the air inside homes. The amount of pesticides found in homes appears to be greater than can be explained by recent pesticide use in those households; other possible sources include contaminated soil or dust that migrates in from outside, stored pesticide containers, and household surfaces that collect and then release the pesticides. Pesticides used in and around the home include products to control insects (insecticides), termites (termiticides), rodents (rodenticides), molds and fungi (fungicides), and microbes (disinfectants). In 1990, the American Association of Poison Control Centers reported that some 79,000 children were involved in common household pesticide poisonings or exposures. In households with children under five years old, almost one-half stored at least one pesticide product within reach of children. Exposure to chlorpyriphos (CP), a commonly used organophosphate insecticide, in the prenatal and early postnatal period may impair neurodevelopment. While CP is a biodegradable pesticide, substantial persistence of CP in house dust has been demonstrated. Exposure to high levels of cyclodiene pesticides, commonly associated with misapplication, has produced various symptoms, including headaches, dizziness, muscle twitching, weakness, tingling sensations, and nausea. In addition, EPA is concerned that cyclodienes might cause long-term damage to the liver and the central nervous system, as well as an increased risk of cancer.

There are available data on hazard evaluation methods and remediation effectiveness regarding pesticide residues in the home environment.

Radon progeny: The National Academy of Sciences estimates that approximately 15,000 cases of lung cancer per year are related to radon exposure. Epidemiologic studies of miners exposed to high levels of radon in inhaled air have defined the dose response relation for radon-induced lung cancer at high exposure levels. Extrapolation of these data has been used to estimate the excess risk of lung cancer attributable to exposure to radon gas at the lower levels found in homes. These estimates indicate that radon gas is an important cause of lung cancer deaths in the U.S. Excessive exposures

are typically related to home ventilation, structural integrity and location.

Radon measurement and remediation methods are well developed, and the Environmental Protection Agency (EPA) recommends that every home be measured for radon. EPA estimates that materials and labor costs for radon reduction in an existing home are \$800–\$2500. Including radon resistant techniques in new home construction costs \$350–\$500, and can save up to \$65 annually in energy costs, according to the EPA.

Take-home hazards from work/
hobbies and work at home: When the
clothing, hair, skin, or shoes of workers
become contaminated with hazardous
materials in the workplace, such
contaminants may inadvertently be
carried to the home environment and/or
an automobile. Such "take-home"
exposures have been demonstrated, for
example, in homes of lead-exposed
workers. In addition, certain hobbies or
workplaces located in the home may
provide an especially great risk of
household contamination.

Control methods include storing and laundering work clothes separately, and showering and changing before leaving work, or immediately after arriving home. Once a home becomes contaminated, cleaning floors and contact surfaces and replacing furnishings may be necessary to reduce

exposures.

Unintentional injuries/fire: Unintentional injury is now the leading cause of death and disability among children younger than 15 years of age. In 1997, nearly 7 million persons in the United States were disabled for at least 1 full day by unintentional injuries received at home. During the same year, 28,400 deaths were attributable to unintentional home injuries, of which 1800 occurred among children 0-4 years of age. Among young children, three types of events accounted for more than of deaths: fires/burns, drownings, and mechanical suffocation. Falls and poisoning are the next most common.

Home visitation protocols have been shown to be effective in reducing exposure to such hazards. The "add-on" cost of injury prevention measures, when combined with other housing interventions are estimated at about \$100 per unit. This includes the cost of some injury prevention devices, such as smoke alarms, electrical socket covers,

#### Appendix B

References: To secure any of the documents listed, call the listed telephone number (generally, the telephone numbers

are not toll-free). A number of these references are provided on HUD's CD, "Residential Lead Desktop Reference, 3rd Edition." This CD is available at no charge from the National Lead Information Clearinghouse, 1–800–424–LEAD.

#### Regulations

- 1. Worker Protection: OSHA publication— Telephone: 202–693–1888 (OSHA Regulations) (available for a charge)— Government Printing Office—Telephone: 202–512–1800 (not a toll-free number):
- —General Industry Lead Standard, 29 CFR 1910.1025 (Document Number 869022001124). Can be downloaded from the Internet without charge from www.osha\_slc.gov/OshStd\_data/ 1910 1025.html.
- —Lead Exposure in Construction, 29 CFR 1926.62, and appendices A, B, C, and D (Document Number 869022001141). Can be downloaded from the Internet without charge from www.osha-slc.gov/ OshStd\_data/1926\_0062.html.
- 2. Waste Disposal: 40 CFR parts 260–268 (EPA regulations) (available for a charge)—Telephone 1–800–424–9346, or, from the Washington, DC, metropolitan area, 1–703–412–9810 (not a toll-free number). Can be downloaded from the Internet without charge from www.epa.gov/docs/epacfr40/chapt-Linfo/subch-I.htm.
- 3. Lead; Requirements for Lead-Based Paint Activities in Target Housing and Child-Occupied Facilities; Final Rule: 40 CFR Part 745, (EPA) (Lead Hazard Standards, Work Practice Standards, EDP and State Certification and Accreditation programs for those engaged in lead-based paint activities)—Telephone: 1–202–554–1404 (Toxic Substances Control Act Hotline) (not a toll-free number). Can be downloaded from the Internet without charge from www.epa.gov/lead.

#### GUIDELINES

- 1. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing; HUD, June 1995, and amended September, 1997. (available for a charge)—Telephone: 800–245–2691. Can be downloaded from the Internet without charge from www.hud.gov/offices/lead.
- 2. Preventing Lead Poisoning in Young Children; Centers for Disease Control, October 1991: Telephone: 888–232–6789. Can be downloaded from the Internet without charge from www.hud.gov/offices/ lead.
- 3. Screening Young Children for Lead Poisoning: Guidance for State and Local Public Health Officials, November 1997; Centers for Disease Control and Prevention (CDC): Telephone: 888–232–6789. Can be downloaded from the Internet without charge from www.hud.gov/offices/lead.

#### REPORTS

1. Putting the Pieces Together: Controlling Lead Hazards in the Nation's Housing, (Summary and Full Report); HUD, July 1995 (available for a charge)—Telephone 800–245– 2691. Can be downloaded from the Internet without charge from www.hud.gov/offices/ lead.

- 2. The Healthy Homes Initiative: A Preliminary Plan (Summary and Full Report); HUD, July 1995. Can be downloaded from the Internet without charge from www.hud.gov/ offices/lead.
- 3. Institute of Medicine. *Indoor Allergens.*Assessing and Controlling Adverse Health
  Effects. National Academy Press.
  Washington, D.C. 1993.
- 4. Mott L., Our Children at Risk. Natural Resources Defense Council. Washington, D.C. 1997. Can be ordered from the Internet from www.nrdc.org
- 5. Rom W.N., Ed. *Environmental and Occupational Medicine*. Little, Brown and Co., Boston. 1992.
- 6. President's Task Force on Environmental Health Risks and Safety Risks to Children. Asthma and The Environment: An Action Plan to Protect Children. Washington, D.C. 1999. Eliminating Childhood Lead Poisoning: A Federal Strategy Targeting Lead Paint Hazards. Washington, D.C., 2000. Can be downloaded from the Internet without charge from www.epa.gov/children.

#### Appendix C

Administrative Costs

#### I. Purpose

The intent of this HUD grant program is to allow the Grantee to be reimbursed for the reasonable direct and indirect costs, subject to a top limit, for overall management of the grant. In most circumstances the Grantee, whether a state or a local government, is expected to serve principally as a conduit to pass funding to sub-grantees, which are to be responsible for performance of the leadhazard reduction work. Congress set a top limit of ten (10) percent of the total grant sum for the Grantee to perform the function of overall management of the grant program, including passing on funding to sub-grantees. The cost of that function, for the purpose of this grant, is defined as the "administrative cost" of the grant, and is limited to ten (10) percent of the total grant amount. The balance of ninety (90) percent or more of the total grant sum is reserved for the subgrantee/direct-performers of the lead-hazard reduction work.

II. Administrative Costs: What They Are Not

For the purposes of this HUD grant program for States and local governments to provide support for the evaluation and reduction of lead-hazards in low and moderate-income, private target housing: the term "administrative costs" should not be confused with the terms "general and administrative cost", "indirect costs", "overhead", and "burden rate". These are accounting terms, usually represented by a government-accepted standard percentage rate. The percentage rate allocates a fair share of an organization's costs that cannot be attributed to a particular project or department (such as the chief executive's salary or the costs of the organization's headquarters building) to all projects and operating departments (such as the Fire Department; the Police Department; the Community Development Department, the Health Department or this program). Such allocated costs are added to those projects' or

departments' direct costs to determine their total costs to the organization.

III. Administrative Costs: What They Are

For the purposes of this HUD grant program, "Administrative Costs" are the Grantee's allowable direct costs for the overall management of the grant program plus the allocable indirect costs. The allowable limit of such costs that can be reimbursed under this program is ten (10) percent of the total grant sum. Should the Grantee's actual costs for overall management of the grant program exceed ten (10) percent of the total grant sum, those excess costs shall be paid for by the Grantee. However, excess costs paid for by the Grantee and may be shown as part of the requirement for cost-sharing funds to support the grant.

#### IV. Administrative Costs: Definition

#### A. General

Administrative costs, are the allowable, reasonable, and allocable direct and indirect costs related to the overall management of the HUD grant for lead-hazard reduction activities. Those costs shall be segregated in a separate cost center within the Grantee's accounting system, and they are eligible costs for reimbursement as part of the grant, subject to the ten (10) percent limit. Such administrative costs do not include any of the staff and overhead costs directly arising from specific sub-grantee program activities eligible under Section III(B) of this Healthy Homes Demonstration NOFA, because those costs are eligible for reimbursement under a separate cost center as a direct part of project activities.

The Grantee may elect to serve solely as a conduit to sub-grantees, who will in turn perform the direct program activities eligible under NOFA Section III(B), or the grantee may elect to perform all or a part of the direct program activities in other parts of its own organization, which shall have their own segregated, cost centers for those direct program activities. In either case, not more than 10 percent of the total HUD grant sum may be devoted to administrative costs, and not less than 90% of the total grant sum shall be devoted to direct program activities. Grantee shall take care not to mix or attribute

administrative costs to the direct project cost centers.

#### B. Specific

Reasonable costs for the Grantee's overall grant management, coordination, monitoring, and evaluation are eligible administrative costs. Subject to the ten (10) percent limit, such costs include, but are not limited to, necessary expenditures for the following, goods, activities and services:

- (1) Salaries, wages, and related costs of the Grantee's staff, the staff of affiliated public agencies, or other staff engaged in Grantee's overall grant management activities. In charging costs to this category the recipient may either include the entire salary, wages, and related costs allocable to the program for each person whose primary responsibilities (more than 65% of their time) with regard to the grant program involve direct overall grant management assignments, or the pro rata share of the salary, wages, and related costs of each person whose job includes any overall grant management assignments. The Grantee may use only one of these two methods during this program. Overall grant management includes the following types of activities:
- (a) Preparing grantee program budgets and schedules, and amendments thereto;
- (b) Developing systems for the selection and award of funding to sub-grantees and other sub-recipients;
- (c) Developing suitable agreements for use with sub-grantees and other sub-recipients to carry out grant activities;
- (d) Developing systems for assuring compliance with program requirements;
- (e) Monitoring sub-grantee and subrecipient activities for progress and compliance with program requirements;
- (f) Preparing presentations, reports, and other documents related to the program for submission to HUD;
- (g) Evaluating program results against stated objectives;
- (h) Providing local officials and citizens with information about the overall grant program; (However, a more general education program, helping the public understand the nature of lead hazards, lead hazard reduction, blood-lead screening, and the

- health consequences of lead poisoning is a direct project support activity).
- (i) Coordinating the resolution of overall grant audit and monitoring findings; and
- (j) Managing or supervising persons whose responsibilities with regard to the program include such assignments as those described in paragraphs (a) through (i).
- (2) Travel costs incurred for official business in carrying out the overall grant management:
- (3) Administrative services performed under third party contracts or agreements, for services directly allocable to overall grant management such as overall-grant legal services, overall-grant accounting services, and overall-grant audit services;
- (4) Other costs for goods and services required for and directly related to the overall management of the grant program, including such goods and services as telephone, postage, rental of equipment, renter's insurance for the program management space, utilities, office supplies, and rental and maintenance (but not purchase) of office space for the program.
- (5) The fair and allocable share of Grantee's general costs that are not directly attributable to specific projects or operating departments such as: The Mayor's and City Council's salaries and related costs; the costs of the City's General Council's office, not charged off to particular projects or operating departments; and the costs of the City's Accounting Department not charged back to specific projects or operating departments. (If Grantee has an established burden rate it should be used; if not Grantee shall be assigned a negotiated provisional burden rate, subject to final audit.)

#### Appendix D

Forms: The non-standard forms, which follow, are required for your Healthy Homes Demonstration application. They are the Checklist and Submission Table of Contents and the Total Budget (Federal Share and Matching Contribution, including instructions).

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#### APPENDIX D

## CHECKLIST AND SUBMISSION TABLE OF CONTENTS HEALTHY HOMES DEMONSTRATION GRANT PROGRAM

The following checklist is provided to ensure you have submitted all required items to receive consideration for funding. You must assemble the application in the order shown below and note the corresponding page number where the response is located. You must include this checklist and submission table of contents with the proposal.

	Transmittal Letter (limited to one page)  Applicant Abstract (Limited to two pages; does not count toward the 25- page limit.)	Cover page
ш	Application Forms (to be included in Appendix 3)	
	Standard Form 424 and Standard Form 424A (Section B)	
H	Standard Form 4248 (Assurances/Non-Construction Programs)	
H	HUD 424-M	
H	Total Budget (Federal Share and Matching)	
	HUD 2880 Disclosure and Update Report	· · · · · · · · · · · · · · · · · · ·
	• • •	
	HUD 2990 Certification of Consistency with the EZ/EC Strategic Plan	
$\mathbb{H}$	HUD 2992 Certification Regarding Debarment and Suspension	
H	HUD 50070 Certification for a Drug-Free Workplace	
	HUD 50071 Certifications of Payments to Influence Federal Transactions	
<u>.                                    </u>	Form SF-LLL Disclosure of Lobbying Activities Required  Form SF-LLL Not Required (See SuperNOFA)	
	Tomi SF-LLL Not Required (See SuperNOFA)	
	Rating Factor Response (The narrative response to the Rating Factors cannot exceed	
	a total of 25 pages.)	
	1. Capacity of the Applicant and Relevant Organizational Experience	
	2. Need/Extent of the Problem	
	3. Soundness of Approach	
	4. Leveraging Resources	
	5. Coordination, Self-Sufficiency and Sustainability	
	Appendices	
	Appendix 1 – Required materials in support of the Rating Factors (e.g., resumes of 3	
	key staff members, organizational chart, letters of commitment) arranged in order of	
	Rating Factor. (Materials in this appendix do not count toward the 20-page limit;	
	resumes are limited to 3 pages each.)  Appendix 2 – Optional materials in support of the Rating Factors, arranged in order	
	of Rating Factor, e.g., maps, letters of support. The 20-page limit applies to this	
	Appendix.	
	Appendix 3 – Material related to the forms, or budget materials. (See Application	
	Forms, above.)	
	HUD 2993 Acknowledgment of Application Receipt	
	HUD 2994 Client Comments and Suggestions (Optional)	

**Budget Summary** 

Total Budget	(Federal	Share and	Matching)
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Name and Address of Applicant					
Detailed Description of Budge	ot (for full grant n	ariod)			
Category	et (for full grant p	ziiou)			
Personnel (Direct Labor)	Estimated Hours	Rate per Hour	Estimated Cost	Federal Share	Match
Position or Individual	Latinated riodia	reace per riour	Louisiatou oosi		
Λ					
					,
Total Direct Labor Cost					i iliini
	B-4-	<b>B</b>	Estimated Cost	Federal Share	Match
2. Fringe Benefits	Rate	Base	Estimated Cost	rederal Share	Water
Total Fringe Benefits Cost					
3. Travel					
3a. Transportation - Local Private Vehicle	Mileage	Rate per Mile	Estimated Cost	Federal Share	Match
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
Subtotal - Trans - Local Private Vehicle					
				F. J. 101	M-4-1-
3b. Transportation - Airfare (show destination)	Trips	Fare	Estimated Cost	Federal Share	Match
Subtotal - Transportation - Airfare					

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**Budget Summary** 

Total Budget (Federal Share and Matching)

Detailed Descript	7				
3c. Transportation - Other	Quantity	Unit Cost	Estimated Cost	Federal Share	Match
					1
Subtotal - Transportation - Other	11111				
				- 1 101	M-4-1
3d. Per Diem or Subsistence (indicate location)	Days	Rate per Day	Estimated Cost	Federal Share	Match
Subtotal - Per Diem or Subsistence	THE PERSON NAMED IN				
Total Travel Cost	7700 FB 4000				
		U-it Cook	Estimated Coat	Federal Share	Match
4. Equipment (Only items over \$5,000 each)	Quantity	Unit Cost	Estimated Cost	rederal Share	Water
Total Equipment Cost		Charles III			
5. Supplies and Materials (Items under \$5,000)					
5a. Consumable Supplies	Quantity	Unit Cost	Estimated Cost	Federal Share	Match
*					
		The state of the s			
Subtotal - Consumable Supplies		11.10	F-111-01	Fadaral Chara	Matal
5b. Non-Consumable Materials	Quantity	Unit Cost	Estimated Cost	Federal Share	Match
Subtotal - Non-Consumable Materials		Carte in the Real			

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**Budget Summary** 

Total Budget (Federal Share and Matching)

Detailed Descripti	on of Budget	8)			
6. Consultants (Type)	Days	Rate per Day	Estimated Cost	Federal Share	Matcl
c. consummed (1990)					
Total Consultants Cost					
7. Contracts and Sub-Grantees (List individually)	Quantity	/ Unit Cost	Estimated Cost	Federal Share	Matc
· · · · · · · · · · · · · · · · · · ·					
					,
Total Subcontracts Cost	State County (1)				
8. Other Direct Costs	Quantity	Unit Cost	Estimated Cost	Federal Share	Matcl
ltem					
					<del></del>
Total Other Direct Costs					
9. Indirect	Rate	Base	Estimated Cost	Federal Share	Matcl
Туре					
					<del></del>
Total Indirect Costs					
Total Estimated Costs			Chara and Matah		

Total of Federal Share and Match

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Analysis of Total Estimated Costs	Estimated Cost	Percent of Total	Percent of Labor
1 Personnel (Direct Labor)			
2 Fringe Benefits			
3 Travel			
4 Equipment			
5 Supplies and Materials			
6 Consultants			
7 Contracts and Sub-Grantees			
8 Other Direct Costs			
9 Indirect Costs			
Total			

Expressed as a percentage of the Federal Share

Match

Some cells in this spreadsheet are protected. There is no password for this spreadsheet.

### **Instructions for Completing the Budget Summary Spreadsheet**

Note: an electronic version of this spreadsheet may be obtained from the HUD Office of Healthy Homes and Lead Hazard Control website at www.hud.gov/offices/lead

Item	Discussion
1 - Personnel (Direct Labor)	This section should show the labor costs for all individuals supporting the grant effort (regardless of the source of their salaries). The hours and costs are for the full life of the grant. If an individual is employed by a contractor or sub-grantee, their labor costs should not be shown here.
	Please include all labor costs which are associated with the proposed grant program, including those costs which will be paid for with in-kind or matching funds.
	Do not show fringe or other indirect costs in this section.
	Please use the hourly labor cost for salaried employees (use 2080 hours per year or the value your organization uses to perform this calculation). An employee working less than full time on the grant should show the numbers of hours they will work on the grant.
2 - Fringe Benefits	Use the standard fringe rates used by your organization. You may use a single fringe rate (a percentage of the total direct labor) or list each of the individual fringe charges. The spreadsheet is set up to use the Total Direct Labor Cost as the base for the fringe calculation. If your organization calculates fringe benefits differently, please use a different base and discuss how you calculate fringe as a comment.
3 - Travel	
3a - Transportation - Local Private Vehicle	If you plan on reimbursing staff for the use of privately owned vehicles or if you are required to reimburse your organization for mileage charges, show your mileage and cost estimates in this section.
3b - Transportation - Airfare	Show the estimated cost of airfare required to support the grant program effort. Show the destination and the purpose of the travel as well as the estimated cost of the tickets.
	Each program NOFA discusses the travel requirements which should be listed here.
3c - Transportation - Other	If you or are charged monthly by your organization for a vehicle for use by the grant program, indicate those costs in this section.
	Provide estimates for other transportation costs which may be incurred (metro, etc.).

3d - Per Diem or Subsistence	For travel which will require the payment of subsistence or per diem in accordance with your organization's policies. Indicate the location of the travel.  Each program NOFA discusses the travel requirements that
4 - Equipment	should be listed here.  Equipment is defined by HUD regulations as tangible,
	nonexpendable, personal property having a useful life of more than one year and an acquisition cost of \$5,000 or more per unit.
	Each program NOFA describes what equipment may be purchased using grant funding.
5 - Supplies and Materials	Supplies and materials are consumable and non-consumable items that have a unit value of less than \$5,000. Please list the proposed supplies and materials as either Consumable Supplies or as Non-Consumable Materials.
5a - Consumable Supplies	List the consumable supplies you propose to purchase. General office or other common supplies may be estimated using an anticipated consumption rate.
5b - Non-consumable materials	List furniture, computers, printers, and other items that will not be consumed in use. Please list the quantity and unit cost.
6 - Consultants	Please indicate the consultants you will use. Indicate the type of consultant (skills), the number of days you expect to use them, and their daily rate.
7 - Contracts and Sub-Grantees  Note: If any contractor, sub-contractor, or sub- grantee is expected to receive over 10% of the total Federal amount requested, a separate Total Budget Summary spreadsheet should be developed for that contractor or sub-grantee and the total amount of their proposed effort should	List the sub-grantees, sub-recipients, or sub-contractors that will help accomplish the grant effort. Besides, sub-grantees or sub-recipients, other contracts for services including those for conducting inspections, risk assessments, and clearance inspections; contracts with faith-based and community-based organizations; liability insurance; contracts with laboratories; and training and certification for contractors and workers should be listed under this item.
be shown as a single entry in this section.	Unless your proposed program will perform the primary grant effort with in-house employees (costs listed in Items 1 and 2), the costs for contractors, sub-grantees or sub-recipients performing the primary grant activities should be identified and listed in this section.
	Types of activities which should be shown in this section:  Contracts for all services  Training  Contracts with Faith-Based and Community Based Organizations or Other Governmental Organizations (note the 10% requirement discussed in this section)  Insurance if your program will procure it separately
	Please provide a short description of the activity the contractor or sub-grantee will perform, if not evident.

8 - Other Direct Costs	Other Direct Costs include a number of items that are not appropriate for other sections.  Other Direct Costs may include:  • Staff training  • Telecommunications  • Printing and postage  • Relocation, if costs are paid directly by your organization (if relocation costs are paid by a sub-grantee, it should be reflected in Section 7)
9 - Indirect Costs	OMB Circular A87 defines indirect costs are those that have been incurred for common or joint purposes. These costs benefit more than one cost objective and cannot be readily identified with a particular final cost objective without effort disproportionate to the results achieved. Indirect costs include (a) the indirect costs originating in each department or agency of the governmental unit carrying out Federal awards and (b) the costs of central governmental services distributed through the central service cost allocation plan and not otherwise treated as direct costs.  The spreadsheet is set up to use the Total Direct Labor plus the Fringe Benefits costs as the base for the indirect cost calculation. If your organization calculates indirect costs differently, please use a different base and discuss how you calculate fringe as a comment.

The three rightmost columns allow you to identify how the costs will be spread between the Federal Share and the Match. This information will help the reviewers better understand your program and priorities. The far right column is an "error checking" function to confirm that the estimated cost is equal to the sum of the Federal Share and the Match. If there is a discrepancy, the word "Error" will appear.

Note: The formats and many of the cells for the spreadsheet (which can be downloaded from the HUD Office of Healthy Homes and Lead Hazard Control's website at: www.hud.gov/offices/lead) are protected. There is no password for the protection.