U.S. ENVIRONMENTAL PROTECTION AGENCY
Assistance Amendment

RECIPIENT TYPE:
State

RECIPIENT:
Missouri Department of Health and Senior Services
912 Wildwood, P.O. Box 570
Jefferson City, MO 65102-0570

PAYEE:
Same as Recipient
912 Wildwood, P.O. Box 570
Jefferson City, MO 65102-0570

PROJECT TITLE AND EXPLANATION OF CHANGES
Missouri State Indoor Radon Program
Implement radon risk reduction activities such as increased radon testing, mitigation and radon resistant new construction.

This amendment provides funding for the second year of the program and updates the Programmatic Conditions. Full Federal funds may be provided at a later date.

BUDGET PERIOD
07/01/2017 - 09/30/2020
PROJECT PERIOD
07/01/2017 - 09/30/2020
TOTAL BUDGET PERIOD COST
$898,106.00
TOTAL PROJECT PERIOD COST
$898,106.00

NOTICE OF AWARD
Based on your Application dated 06/08/2017 including all modifications and amendments, the United States acting by and through the US Environmental Protection Agency (EPA) hereby awards $177,152. EPA agrees to cost-share 60.00% of all approved budget period costs incurred, up to and not exceeding total federal funding of $355,510. Recipient's signature is not required on this agreement. The recipient demonstrates its commitment to carry out this award by either: 1) drawing down funds within 21 days after the EPA award or amendment mailing date; or 2) not filing a notice of disagreement with the award terms and conditions within 21 days after the EPA award or amendment mailing date. If the recipient disagrees with the terms and conditions specified in this award, the authorized representative of the recipient must furnish a notice of disagreement to the EPA Award Official within 21 days after the EPA award or amendment mailing date. In case of disagreement, and until the disagreement is resolved, the recipient should not draw down on the funds provided by this award/amendment, and any costs incurred by the recipient are at its own risk. This agreement is subject to applicable EPA regulatory and statutory provisions, all terms and conditions of this agreement and any attachments.

ISSUING OFFICE (GRANTS MANAGEMENT OFFICE)
Grants Management Office
11201 Renner Boulevard
Lenexa, KS 66219

AWARD APPROVAL OFFICE
U.S. EPA, Region 7
Air and Waste Management Division
11201 Renner Boulevard
Lenexa, KS 66219

THE UNITED STATES OF AMERICA BY THE U.S. ENVIRONMENTAL PROTECTION AGENCY

Digital signature applied by EPA Award Official
Deboraha K. Titus - Grants Management Officer

DATE
08/15/2018
### EPA Funding Information

<table>
<thead>
<tr>
<th>FUNDS</th>
<th>FORMER AWARD</th>
<th>THIS ACTION</th>
<th>AMENDED TOTAL</th>
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<tr>
<td>EPA Amount This Action</td>
<td>$ 178,358</td>
<td>$ 177,152</td>
<td>$ 355,510</td>
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<td>EPA In-Kind Amount</td>
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<td>Unexpended Prior Year Balance</td>
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<td>Allowable Project Cost</td>
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<td>$ 590,516</td>
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<tr>
<th>Assistance Program (CFDA)</th>
<th>Statutory Authority</th>
<th>Regulatory Authority</th>
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<tr>
<td>66.032 - State Indoor Radon Program</td>
<td>Indoor Radon Abatement Act: Sec. 306</td>
<td>2 CFR 200</td>
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<td></td>
<td>Consolidated Appropriations Act of 2006</td>
<td>2 CFR 1500</td>
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<td>40 CFR 33 and 40 CFR 35 Subpart A</td>
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### Fiscal

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<th>Site Name</th>
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<th>Budget Organization</th>
<th>PRC</th>
<th>Object Class</th>
<th>Site/Project Class</th>
<th>Cost Organization</th>
<th>Obligation / Deobligation</th>
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177,152
<table>
<thead>
<tr>
<th>Table A - Object Class Category (Non-construction)</th>
<th>Total Approved Allowable Budget Period Cost</th>
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<td>1. Personnel</td>
<td>$365,447</td>
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<td>2. Fringe Benefits</td>
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<td>3. Travel</td>
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<td>4. Equipment</td>
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<td>5. Supplies</td>
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<td>6. Contractual</td>
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<td>7. Construction</td>
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<td>8. Other</td>
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<td>9. Total Direct Charges</td>
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<td>10. Indirect Costs: % Base See NICA</td>
<td>$117,821</td>
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<tr>
<td>11. Total (Share: Recipient 40.00% Federal 60.00%)</td>
<td>$898,106</td>
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<td>12. Total Approved Assistance Amount</td>
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<td>13. Program Income</td>
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<td>14. Total EPA Amount Awarded This Action</td>
<td>$177,152</td>
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<td>15. Total EPA Amount Awarded To Date</td>
<td>$355,510</td>
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Administrative Conditions

All Administrative Conditions Remain the Same

Programmatic Conditions

Programmatic Condition number 1. rescinded. All other Programmatic Conditions Updated for 2018 as follows:

GRANT-SPECIFIC PROGRAMMATIC TERMS AND CONDITIONS

A. PERFORMANCE REPORTING AND FINAL PERFORMANCE REPORT

The recipient shall submit to the EPA Project Officer, a report utilizing the reporting template provided by your Project Officer.

Performance Reports:
The recipient shall submit, to the EPA Project Officer, annual performance reports (preferably electronic copies), due July 31st for the duration of the agreement. In accordance with 2 CFR 200.328, the recipient agrees to include in performance reports submitted under this agreement brief information on each of the following areas:

1) a comparison of actual accomplishments with the anticipated outputs/outcomes specified in the assistance agreement work plan;

2) reasons why anticipated outputs/outcomes were not met:

3) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

In accordance with 2 CFR 200.328(2)(d)(1), the recipient agrees that it will notify EPA of problems, delays, or adverse conditions which materially impair the ability to meet the outputs/outcomes specified in the assistance agreement work plan. In addition, interim performance reports must prominently display the three Essential Elements required for state workplans and reports. They are:

- Essential Element 1 - Strategic Plan Goal
- Essential Element 2 - Strategic Plan Objective
- Essential Element 3 - Workplan Commitments plus time frame

Final Performance Report:
The recipient agrees to submit two copies of the Final Performance Report to the EPA Project Officer. The Final Project Report is due within 90 days after the end of the budget/project period. Final performance reports must prominently display the three Essential Elements required for state workplans and reports. They are:

- Essential Element 1 - Strategic Plan Goal
- Essential Element 2 - Strategic Plan Objective
- Essential Element 3 - Workplan Commitments plus time frame
The report will include any agreed-upon work-product(s) resulting from the project and the following:

1) an abstract or overview of the project including completed workplan activities;

2) a comparison of actual accomplishments with the anticipated outputs/outcomes specified in the assistance agreement work plan;

3) reasons why anticipated outputs/outcomes were not met:

4) other pertinent information, including, when appropriate, analysis and explanation of cost overruns or high unit costs.

5) the methods to be used to effectively disseminate project information and/or continue the benefits of this project (although the project itself may not be continuing);

6) materials generated in connection with project activities (e.g., workshop announcements, newspaper/newsletter announcements, articles or releases, press packets, pamphlets, etc.).

B. Public List
The IRAA Section 306(h)(3) requires that state grant recipients shall “...maintain, and make available to the public, a list of firms and individuals within the State that have received a passing rating under the Environmental Protection Agency proficiency rating program referred to in Section 305(a)(2) of this title.” When EPA discontinued the Radon Proficiency Program, two organizations were identified to certify radon service providers -- the National Radon Proficiency Program (NRPP; formally affiliated with the National Environmental Health Association) and the National Radon Safety Board (NRSB). As specified in the “State and Tribal Indoor Radon Grants Program Guidance and Handbook (January 2005; page 11),” in the absence of an existing state-run process established under a state’s regulatory requirements for credentialing of radon service providers (e.g., state license), the required public list shall only be satisfied by referring consumers to the two currently-recognized, national radon proficiency programs, NRPP and NRSB. This information is available at:

- National Radon Proficiency Program (NRPP) (Website: http://aarst-nrpp.com/wp/)
- National Radon Safety Board (NRSB) (Website: http://www.nrsb.org/)

C. Guidelines

D. Limitations: IRAA, Section 306(i)(3) "Limitations" prohibits recipients from expending more than 25 percent of grant funds received in a Federal fiscal year on general overhead and program administration. The recipient agrees to track its expenditures to determine compliance with the statutory budget limitation.

IRAA Section 306(i)(2) "Limitations" prohibits recipients from expending more than 50 percent of grant funds received in a Federal fiscal year for the purchase of measurement equipment or devices and demonstration projects in the aggregate. The recipient agrees to track its expenditures to determine compliance with the statutory budget limitation.

E. COMPETENCY OF ORGANIZATIONS GENERATING ENVIRONMENTAL MEASUREMENT DATA
In accordance with EPA’s Policy to Assure the Competency of Organizations Generating Environmental Measurement Data under Agency-Funded Assistance Agreements, for all awards where the maximum value of the assistance agreement will exceed $200,000 in federal funding and the project will involve the generation or use of environmental data, the Recipient will be required to demonstrate competency prior to award. Alternatively, where a pre-award demonstration of competency is not practicable, the Recipient must demonstrate competency prior to carrying out any activities under the award involving the generation or use of environmental data. The Recipient shall maintain competency for the duration of the project period of this agreement and this will be
documented during the annual reporting process. A copy of the Policy, including methods by which competency may be demonstrated, is available online at http://www.epa.gov/fem/lab_comp.htm.

F. **Geospatial Data Standards**

All geospatial data created must be consistent with Federal Geographic Data Committee (FGDC) endorsed standards. Information on these standards may be found at www.fgdc.gov.

G. **QUALITY MANAGEMENT PLAN (QMP)**

Grantees implementing environmental programs that include: 1) direct measurement, sampling or observation activities, 2) environmental modeling, 3) use of existing data, 4) use of survey results, or 5) calculation of environmental outcomes must prepare and implement a Quality Management Plan. The grantee shall submit to the EPA Project Officer (PO) an approvable QMP within 45 days of receipt of this agreement. The PO will forward the QMP to the EPA QA staff for review and approval. No data collection/use activities may occur until the QMP has been reviewed and approved by EPA.