

Solicitations (Issue 196)

1/2/2010

Greetings – Here is Issue 196.

Please pass this newsletter on to those contacts in your state, region, or elsewhere who you think may be interested.

If anyone you know would like to sign up to receive these funding newsletters, follow the subscription instructions at the bottom of the email message this was attached to, or send a subscription request to laurie.e.brown@comcast.net.

If you stop receiving these newsletters every 3 - 4 weeks, your email system/server may be blocking delivery, assuming it's spam. Let me know - I can always sign you up w/ a different email address.

If you would like to announce an RFP in one of these newsletters, forward a summary to me at the email address listed above.

A huge thanks to the Washington State University Extension Energy Program for distributing these newsletters through their listserv. WSU has provided this service to funding newsletter subscribers for over 11 years.

There are 34 funding notices included in this issue.

1) Batteries for Transportation - Recovery Act:

The U.S. Department of Energy, Advanced Research Projects Agency-Energy (ARPA-E), requests proposals for Recovery Act - Batteries for Electrical Energy Storage in Transportation. ARPA-E, a new agency of DOE, supports the development of high risk/high payoff applied science and technology innovations that will have a positive disruptive impact on the energy landscape. Through this RFP, ARPA-E seeks the development of a new generation of ultra-high energy density, low-cost battery technologies for long electric range plug in hybrid electric vehicles and electric vehicles. \$35 million expected to be available, 10 awards anticipated. Concept Papers are required and are due 1/15/10, full proposals due early March 2010. For more info, contact ARPA-E@hq.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000207&agency=DOE>. Refer to Sol# DE-FOA-0000207. (Grants.gov 12/15/09)

2) Urban Circulator

The U.S. Department of Transportation, Federal Transit Administration, requests proposals for the Urban Circulator Program. This program will support projects such as streetcars, buses, and bus facilities that connect urban destinations and fosters the redevelopment of urban spaces into walkable mixed use, high density environments. \$130 million expected to be available, up to 6 awards anticipated. Responses due 2/10/10. For more info, contact Elizabeth Day at Elizabeth.Day@dot.gov or go to: <http://edocket.access.gpo.gov/2009/pdf/E9-29245.pdf>. Refer to Sol# FTA-2010-001-TPE. (Grants.gov 12/23/09)

3) Livability Bus Program

The U.S. Department of Transportation, Federal Transit Administration, requests proposals for the FTA Bus and Bus Facilities Livability Initiative. The Livability Bus Program makes funds available to public

transit providers to finance capital projects to replace, rehabilitate, and purchase buses and related equipment and to construct bus-related facilities. Project evaluation criteria includes, but is not limited to, a determination of whether the project promotes a more environmentally sustainable transportation system, improves energy efficiency, or reduces greenhouse gases. Applicants are encouraged to provide information regarding the expected use of clean or alternative sources of energy. \$150 million expected to be available. Responses due 2/8/10. For more info, contact Kimberly Sledge at kimberly.sledge@dot.gov or go to: http://www.fta.dot.gov/funding/grants_financing_7829.html. Refer to Sol# FTA-2010-002-TPM. (Grants.gov 12/22/09)

4) Fuel Efficiency and Emission Testing

The U.S. Environmental Protection Agency requests quotes for Fuel Efficiency and Emissions Testing, Training and Technical Assistance for the Partnership for Clean Indoor Air. The estimated level of effort is 730 hours. Responses due 1/28/10. For more info, contact Iris Redmon at (202) 564-2644 or go to: https://www.fbo.gov/?s=opportunity&mode=form&id=c172392b28cfaa2a5523dd9e0c952f0c&tab=core&_cview=0. Refer to Sol# RFQ-DC-10-00063. (FBO 12/31/09)

5) Electrofuels - Recovery Act

The U.S. Department of Energy, Advanced Research Projects Agency-Energy (ARPA-E), requests proposals Recovery Act - Electrofuels. Through this RFP, ARPA-E seeks new ways to make liquid transportation fuels, without using petroleum or biomass, by using microorganisms to harness chemical or electrical energy to convert carbon dioxide into liquid fuels. \$30 million expected to be available, 10 awards anticipated. Concept Papers are required and are due 1/15/10, full proposals due early February 2010. For more info, contact ARPA-E@hq.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000206&agency=DOE>. Refer to Sol# DE-FOA-0000206. (FBO 12/9/09)

6) Plant Feedstock Genomics for Bioenergy

The U.S. Department of Energy and the U.S. Department of Agriculture request proposals for Plant Feedstock Genomics for Bioenergy: A Joint Research Funding Opportunity Announcement USDA, DOE. This RFP will support research that leads to the improved use of biomass and plant feedstocks for the production of fuels such as ethanol or renewable chemical feedstocks. Specifically, applications are sought for fundamental research on plants that will improve biomass characteristics, biomass yield, or sustainability. Up to \$6 million expected to be available. For more info, contact Tonja Stokes at tonja.stokes@science.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000223&agency=DOE>. Refer to Sol# DE-FOA-0000223. (Grants.gov 12/11/09)

7) Methane Recovery

The U.S. Environmental Protection Agency requests proposals for Activities that Advance Methane Recovery and Use as a Clean Energy Source. This RFP will support investigation, survey, study, training, and demonstration projects that advance international near-term, cost-effective methane recovery and use as a clean energy source, and support the goals of the Methane to Markets Partnership. \$5 million expected to be available, up to 35 awards anticipated. A Notice of Intent to Apply is requested but not required and is due 2/11/10, final proposals due 4/15/10. For more info, contact Henry Ferland at ferland.henry@epa.gov or go to: http://www.epa.gov/air/grants_funding.html. Refer to Sol# EPA-OAR-CCD-10-02. (Grants.gov 12/22/09)

8) Environmental Synthesis Center

The National Science Foundation requests proposals for the Environmental Synthesis Center. The purpose of the Center will be to stimulate research, education and outreach at the interface of the biological, geological, and social sciences. Few challenges require synthesis as urgently as global environmental change, which is proceeding at an unprecedented scope, scale and speed. The Center will be international in scope and foster collaborative, cross-disciplinary efforts to understand and predict the complex interactions among ecological populations, communities and ecosystems, the geophysical environment, and human actions and decisions that underlie global environmental change. \$30 million expected to be available, 1 award anticipated. Pre-proposals are required and are due 3/23/10, final proposals due 7/14/10. For more info, contact Saran Twombly at stwombly@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10521. Refer to Sol# 10-521. (Grants.gov 12/23/09)

9) Fuels from Sunlight Hub

The U.S. Department of Energy requests proposals for the Energy for Innovation Hub - Fuels from Sunlight. The purpose of the Hub will be to assemble the most talented scientists and technologists to focus intense research and development efforts on the development of an effective solar energy to chemical fuel conversion system. The system should operate at an overall efficiency and produce fuel of sufficient energy content to enable transition from bench-top discovery to proof-of-concept prototyping. \$122 million expected to be available, 1 award anticipated. A Letter of Intent is strongly encouraged but not required and is due 1/29/10, final proposals due 3/29/10. For more info, contact Marlene Martinez at marlene.martinez@ch.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000214&agency=DOE>. Refer to Sol# DE-FOA-0000214. (Grants.gov 12/22/09)

10) Source Reduction Assistance

The U.S. Environmental Protection Agency requests proposals for the Source Reduction Assistance Grant Program, for environmental projects that reduce or eliminate pollution at the source. National areas of interest include projects that encourage greenhouse gas reduction, toxic and hazardous materials reduction, resource conservation, efficient business practices and P2 integration activities. \$1.3 million expected to be available, up to 300 awards anticipated. Responses due 2/4/10. For more info, including Regional contacts and Region-specific areas of interest, go to: <http://www.epa.gov/p2/pubs/grants/srap10.pdf>. Refer to Sol# EPA-HQ-OPPT-2010-02. (Grants.gov 12/17/09)

11) Residential Weatherization Grants

The U.S. Department of Energy requests proposals for Weatherization Formula Grants. Prime applicant restricted to agencies responsible for administering the annual Weatherization Assistance Program (WAP) formula allocation. WAP funds are used to increase the energy efficiency of dwellings owned or occupied by low-income persons, reduce their total residential expenditures, and improve their health and safety. WAP assists persons who are particularly vulnerable such as the elderly, persons with disabilities, families with children, high residential energy users, and households with high-energy burden. \$210 million expected to be available, 59 awards anticipated. Response due date dependant on fiscal year end of prime applicant, with range of 2/15/10 – 8/1/10. For more info, including contacts, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000216&agency=DOE>. Refer to Sol# DE-FOA-0000216. (Grants.gov 12/29/09)

12) Weatherization Training Centers and Programs - Recovery Act

The U.S. Department of Energy requests proposals for Recovery Act - Weatherization Assistance Program Training Centers and Programs. Through this RFP, DOE seeks to develop new or expand existing weatherization training centers and training programs. \$30 million expected to be available, up to 30 awards anticipated. Responses due 1/21/10. For more info, contact Erin Kirchoff at erin.kirchoff@netl.doe.gov or go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000220&agency=DOE>. Refer to Sol# DE-FOA-0000220. (Grants.gov 12/10/09)

13) Community Action and the Environment

The U.S. Environmental Protection Agency requests proposals for the Community Action for a Renewed Environment (CARE) Program. CARE is a unique community-based, community-driven, multimedia demonstration program designed to help communities understand and reduce risks due to toxic pollutants and environmental concerns from all sources. \$2 million expected to be available, up to 9 awards anticipated. Responses due 3/9/10. For more info, contact Dennis O'Connor at [oconnor.dennis@epa.gov](mailto:connor.dennis@epa.gov) or go to: http://www.epa.gov/air/grants_funding.html. Refer to Sol# EPA-OAR-IO-10-04. (Grants.gov 12/15/09)

14) Water and Waste Water - Recovery Act

The U.S. Department of Agriculture requests proposals for Recovery Act for Technical Assistance and Training grants (ARRA TAT Grants) for projects that allow rural communities to better identify and evaluate solutions to water and waste disposal problems, assist applicants in preparing applications for water and waste grants, or improve operation and maintenance of existing water and waste disposal facilities in rural areas. \$5 million expected to be available, up to 5 awards anticipated. Responses due 1/11/10. For more info, contact Anita O'Brien at anita.obrien@wdc.usda.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50637>. Refer to Sol# RDUP-WEP-12-09. (Grants.gov 12/11/09)

15) Eisenhower Transportation Fellowships

The U.S. Department of Transportation requests proposals for the Eisenhower Graduate Fellowship Program, which provides funding for the pursuit of Masters or Doctorate Degrees in transportation related disciplines. \$900K expected to be available, 76 awards anticipated. Responses due 3/12/10. For more info, contact Henry Murdaugh at Henry.Murdaugh@dot.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50901>. Refer to Sol# DTFH64-10-RA-00001. (Grants.gov 12/30/09)

16) Science, Mathematics and Engineering Mentoring

The National Science Foundation requests proposals for Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring. This program, administered on behalf of the White House, seeks to identify outstanding individual mentoring efforts or organizational programs designed to enhance the participation of groups underrepresented in science, technology, engineering, and mathematics. It is expected that each award will be used to continue the recognized activities. The nominees must have served in a described mentoring role for at least five years prior to nomination. \$400K expected to be available, up to 16 awards anticipated. Responses due 3/23/10. For more info, contact Daphne Rainey at drainey@nsf.gov or go to: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf10520. Refer to Sol# 10-520. (Grants.gov 12/23/09)

17) Photon Research

The U.S. Department of Defense, Defense Advanced Research Projects Agency, requests proposals for Information in a Photon, for projects that address the basic science and the associated unifying physical and mathematical principles that govern the information capacity of optical photons. Project abstracts due 1/28/10, final proposals due 3/15/10. For more info, contact Mark Neifeld at mark.neifeld@darpa.mil or go to: <http://www.darpa.mil/dso/solicitations/solicit.htm>. Refer to Sol# DARPA-BAA-10-19. (Grants.gov 12/16/09)

18) U.S. DOE Office of Science

The U.S. Department of Energy, Office of Science, announces its continuing interest in receiving grant proposals in areas including, but not limited to: Basic Energy Sciences, Biological and Environmental Research, and Advanced Scientific Computing. Proposals accepted through 9/30/10. For more info, including program-specific contacts, go to: <https://www.fedconnect.net/FedConnect/?doc=DE-FOA-0000179&agency=DOE>. Refer to Sol# DE-FOA-0000179. (Grants.gov 12/4/09)

19) NIST Research Grants

The National Institute of Standards and Technology (NIST) announces that programs including, but not limited to, are soliciting applications for FY 2010 financial assistance: 1) The Electronics and Electrical Engineering Laboratory Grants Program, 2) The Manufacturing Engineering Laboratory Grants Program, 3) The Chemical Science and Technology Laboratory Grants Program; 4) The Physics Laboratory Grants Program; 5) The Materials Science and Engineering Laboratory Grants Program, and 6) The Building Research Grants and Cooperative Agreements Program. Applications considered on a continuing basis. For more info, contact Christopher Hunton at christopher.hunton@nist.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50883>. Refer to Sol# 2010-MSE-01. (Grants.gov 12/28/09)

20) International Development Grants

The U.S. Agency for International Development requests proposals for the Development Grants Program, which supports development activities in the following areas: Climate change adaptation, microenterprise, water and sanitation, and dairy. DGP recipients will be responsible for ensuring achievement of the program objectives in specified countries. Applications should consider Agency priorities in Food Security, Global Climate Change, and Global Engagement with new partners. \$40 million expected to be available, individual awards NTE \$2 million. Responses due 2/12/10. For more info, contact Roderick Watson at rwatson@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50806>. Refer to Sol# M-OAA-GRO-EGAS-DGP-10-001. (Grants.gov 12/22/09)

21) Climate Adaptation and Disaster Resilience - Indonesia

The U.S. Agency for International Development, Mission in Indonesia, requests proposals for Climate Adaptation and Disaster Resilience (CADRE). Indonesia is particularly vulnerable to climate change and disasters. CADRE supports projects that address climate change and disasters by efficiently, effectively and sustainably addressing the needs for disaster risk reduction and climate change adaptation together, among vulnerable populations in Indonesia. Multiple awards ranging from \$500K to \$1.5 million anticipated. Concept Papers are due 1/25/10 and 7/26/10. For more info, contact Johanna Gardjito at aps10-005@usaid.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50515>. Refer to Sol# APS10-005. (Grants.gov 12/7/09)

22) IAQ and Schools – Region 4

The U.S. Environmental Protection Agency, Region 4, requests proposals for 2010 Indoor Environments: Reducing Public Exposure to Indoor Air Pollutants. This program will support one project resulting in rural and urban schools adopting healthier indoor environmental practices to reduce student and staff exposure to indoor air pollutants; provide asthma awareness training to students, teachers, and parents; assist school administrators to develop a sustainable indoor air quality management plan; and develop a network of collaborative partners to serve as a resource for schools to receive indoor air management assistance. Project must take place in AL, FL, GA, KY, MS, NC, SC or TN. \$100K expected to be available, 1 award anticipated. Responses due 1/29/10. For more info, contact Lashon Blakely at blakely.lashon@epa.gov or go to: <http://www.epa.gov/region4/air/radon/>. Refer to Sol# EPA-R4-10-IAQ. (Grants.gov 12/16/09)

23) Water Conservation - Upper Colorado Region

The U.S. Department of Interior, Bureau of Reclamation Upper Colorado Region, requests proposals for the Water Conservation Field Service Program. Through this RFP, DOI seeks the management, development and protection of water and related resources in an environmentally and economically sound manner. \$700K expected to be available, up to 30 awards anticipated. Responses due 2/5/10. For more info, contact Karen McWilliams at kmcwilliams@usbr.gov or go to: <http://www.grants.gov/search/search.do?mode=VIEW&oppId=50482>. Refer to Sol# R10SF40002. (Grants.gov 12/3/09)

24) Energy Management System - Massachusetts

The Commonwealth of Massachusetts, Department of Energy Resources, requests proposals for Enterprise Energy Management System for State Facilities. Through this RFP, the Commonwealth seeks the implementation of an Enterprise Energy Management System across millions of square feet of state building space. The broad vision for the EEMS is that it will provide relevant energy information that will allow parties to identify trends and anomalies. When analyzed, the data will provide a basis for recommending initiatives to reduce the energy consumption within those buildings and make energy and cost saving changes. Responses due 1/19/10. For more info, go to: <https://www.ebidsourcing.com/processPublicSolSummView.do?action=soltypeCd&docStatus=OPEN&docUserId=222190&docViewType=OPEN&docId=119076&doValidateToken=false&soltypeCd=UNIVERSAL>. Refer to Sol# RFR-ENE-2010-012.

25) Alternative Energy Credits - Pennsylvania

PPL Electric Utilities seeks over 850,000 MWh of eligible Alternative Energy Credits to meet the Pennsylvania Alternative Energy Portfolio Standards. Responses due 1/5/10. For more info, contact Ben Chee at ben.chee@nera.com or go to: <http://www.pplelectric.com/Business+Partners/polr-aeps/>. (Green Power Network 12/29/09)

26) Solar Purchase - Virginia

The Town of Front Royal, VA seeks up to 10 MW of new or existing solar energy resources. Notice of intent to bid due 1/8/10, final proposals due 1/22/10. For more info, contact Garrett Cole at garrett.cole@gdsassociates.com or go to: http://www.frontroyalva.com/component/option,com_docman/Itemid,279/. (Green Power Network 12/29/09)

27) Emissions Study - California

The National Renewable Energy Laboratory requests proposals for On-Road Vehicle Emissions in a Southern California Traffic Tunnel. The purpose of this project is to conduct an on-road mobile source emissions study in the Van Nuys Tunnel, so comparisons can be made between emissions and modeled data collected in 1987 and today's current mobile emission model outputs. Responses due 1/21/10. For more info, contact Kathee Flanagan Roque at kathee.roque@nrel.gov or go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=86880a1245e249623c33ff01e7da7940&tab=core&cvview=0>. Refer to Sol# 40444KR. (FBO 12/22/09)

28) PV Installation – Colorado – Recovery Act

The U.S. Department of Interior, Bureau of Land Management, requests proposal for furnishing labor, equipment, supplies, and materials to construct a photovoltaic solar system and associated appurtenances at the Grand Junction, Colorado BLM Whitewater Wareyard. Responses due 1/6/10. For more info, contact Chau Nguyen at cnguyen@blm.gov or go to:

<https://www.fbo.gov/?s=opportunity&mode=form&id=a1c2b80c219dc876d373700ddc748367&tab=core&cvview=0>. Refer to Sol# L10PS01593. (FBO 11/27/09)

29) Electric Efficiency Research - California

The California Energy Commission requests proposals for Energy Innovations Small Grant Program (EISG) – Electricity Program, to conduct research that establishes the feasibility of new, innovative energy concepts. Project must address one of the following research areas: Industrial/Agriculture/Water end-use efficiency; building end-use efficiency; environmentally preferred advanced generation; renewable generation; energy-related environmental research; and energy systems integration. EISG provides \$95K for hardware projects and \$50K for modeling projects. Pre-proposal abstracts are optional and are due 1/8/10, final proposals due 2/9/10. For more info, go to:

http://www.energy.ca.gov/contracts/smallgrant/09-03_electricity/index.html. Refer to Sol# 09-03.

30) Natural Gas Efficiency Research - California

The California Energy Commission requests proposals for Energy Innovations Small Grant Program (EISG) – Natural Gas Program, to conduct research that establishes the feasibility of new, innovative energy concepts. Project must address one of the following research areas: Industrial/Agriculture/Water end-use efficiency; building end-use efficiency; environmentally preferred advanced generation; renewable generation; energy-related environmental research; and energy systems integration. EISG provides \$95K for hardware projects and \$50K for modeling projects. Responses due 2/11/09. For more info, go to: http://www.energy.ca.gov/contracts/smallgrant/09-02G_natural_gas/index.html. Refer to Sol# 09-02G.

31) Energy Efficiency Workforce Training - New York

The New York State Energy Research and Development Authority requests proposals for Workforce Development Training Partnerships for Energy Efficiency. Through this RFP, NYSERDA seeks training entities to deliver energy efficiency training programs throughout NY State. The Program goal is to significantly expand the existing energy efficiency training infrastructure to serve the needs of the portfolio of programs funded through the Energy Efficiency Portfolio Standard. \$3.8 million expected to be available, multiple awards anticipated. Responses accepted through 8/1/10. For more info, contact Kelli Herndon at kmh@nyserdera.org or go to: <http://www.nyserdera.org/funding/1816pon.asp>. Refer to PON# 1816.

32) Wind Energy - New York

The New York Power Authority seeks offers to develop, design, finance, construct, operate and maintain up to 500 MW of offshore wind energy resources in New York waters of Lake Erie and/or Lake Ontario that interconnect with the NYISO Transmission System, and the full output under a long term PPA. Notice of intent to bid due 3/20/10, final proposals due 6/1/10. For more info, contact Jordan Brandeis at jordan.brandeis@nypa.gov or go to: <http://www.nypa.gov/NYPWindpower/RFP.html>. (Green Power Network 12/4/09)

33) Energy Code Compliance - New York

The New York State Energy Research and Development Authority requests proposals for an Energy Code Compliance Assessment. Through this RFP, NYSERDA seeks a contractor to conduct a comprehensive, statewide assessment of the rate and nature of compliance with the New York State Energy Conservation Code. \$600K expected to be available, 1 award anticipated. Responses due 1/18/10. For more info, contact at Roseanne Viscusi at rdv@nyserdera.org or go to: <http://www.nyserda.org/funding/1720rfp.asp>. Refer to RFP# 1720.

34) Environmental Video Contest

The U.S. Environmental Protection Agency is sponsoring a video contest titled "Our Planet, Our Stuff, Our Choice," that challenges filmmakers to produce short, creative videos that highlight the "Three Rs" of individual consumption: Reduce, Reuse, and Recycle. Entries should be 30 to 60 seconds in length. Award range \$500 to \$2.5K. Videos accepted through 2/16/10. For more info, go to: <http://www.epa.gov/osw/wycd/video.htm>.